

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083486.D
 Acq On : 26 Aug 2024 16:57
 Operator : JC\MD
 Sample : P3706-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:59:01 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	8.224	168	119498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131071	50.000	ug/l	0.00

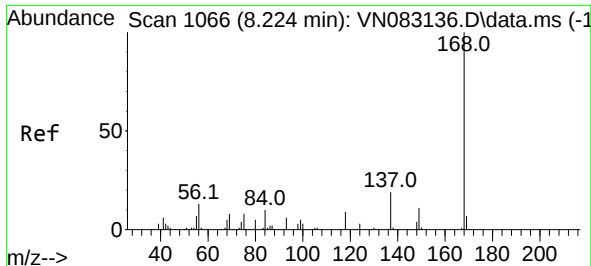
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100423	59.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.080%
35) Dibromofluoromethane	8.165	113	78096	50.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	10.565	98	281367	48.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.853	95	127239	56.165	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.340%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.353	50	654	0.471	ug/l #	43
16) Acetone	4.441	43	2077	3.121	ug/l #	48
17) Carbon Disulfide	4.694	76	2088	0.539	ug/l #	75
18) Methyl Acetate	5.030	43	1071	0.540	ug/l #	69
20) Methylene Chloride	5.265	84	1662	1.085	ug/l #	76
31) Cyclohexane	8.218	56	3057	1.213	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	11064	4.695	ug/l #	52
38) Carbon Tetrachloride	8.224	117	13948	5.255	ug/l #	16
43) Isopropyl Acetate	8.694	43	54	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1389	0.557	ug/l #	1
71) Bromoform	12.847	173	415	0.259	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	71995	25.027	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71995	54.440	ug/l #	6

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

Quant Time: Aug 27 01:59:01 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

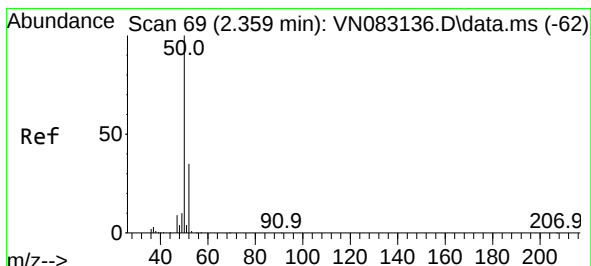
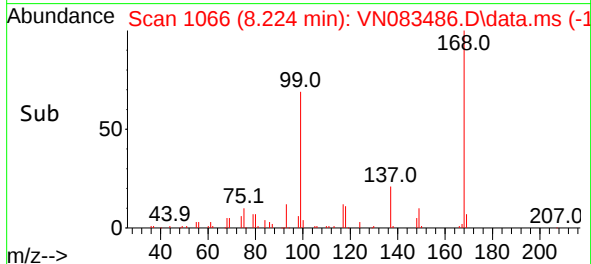
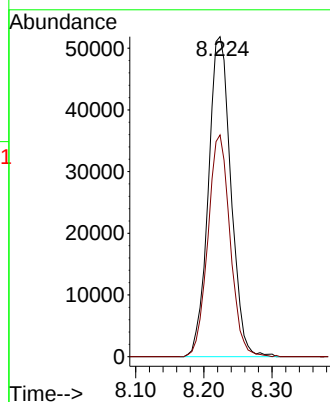
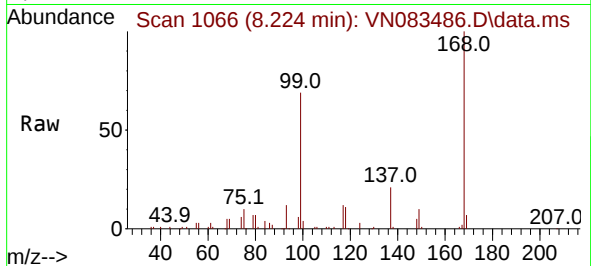




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

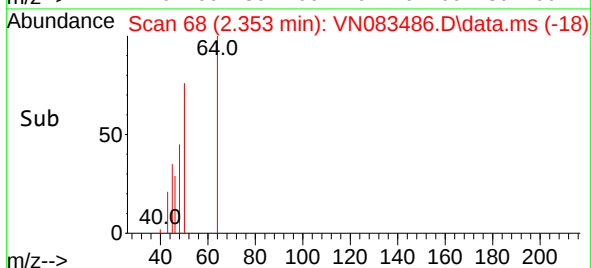
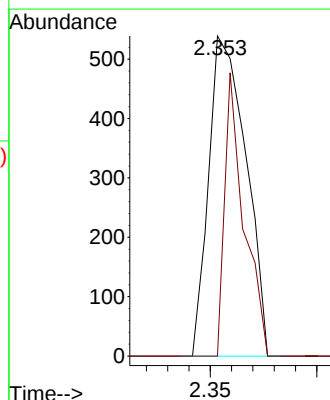
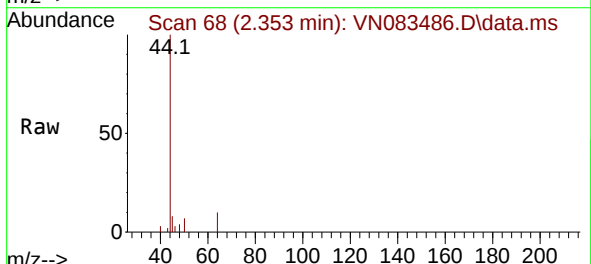
Instrument :
MSVOA_N
ClientSampleId :

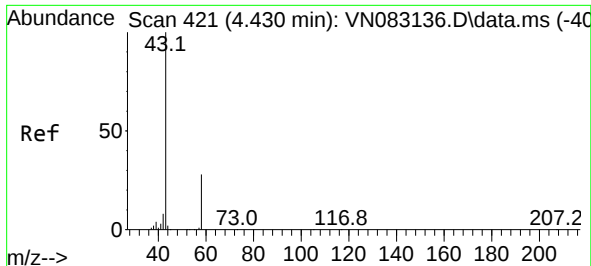
Tgt Ion:168 Resp: 119498
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.4



#3
Chloromethane
Concen: 0.471 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

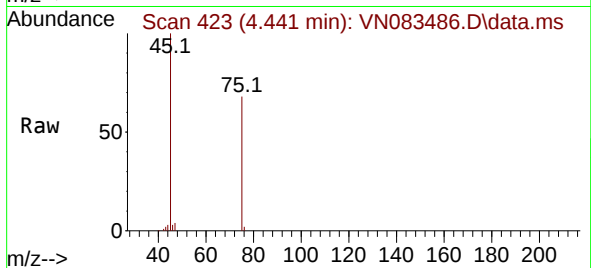
Tgt Ion: 50 Resp: 654
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



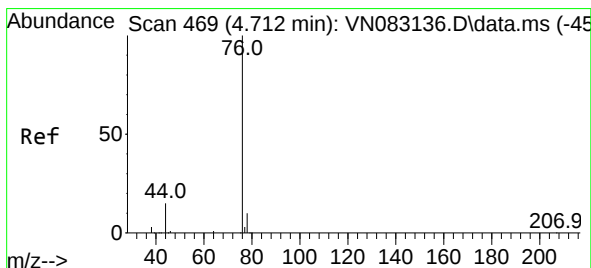
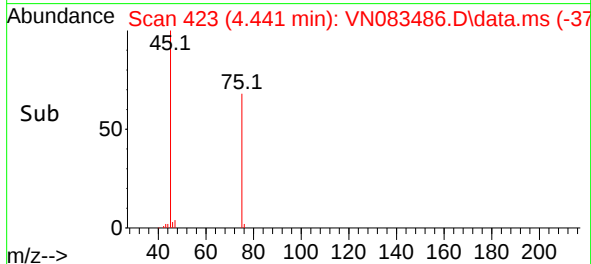
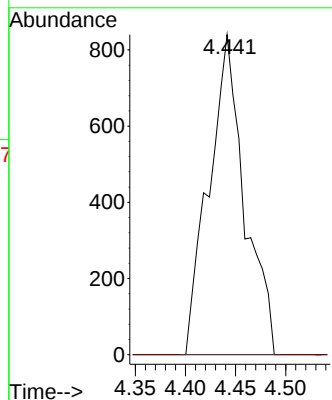


#16
Acetone
Concen: 3.121 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

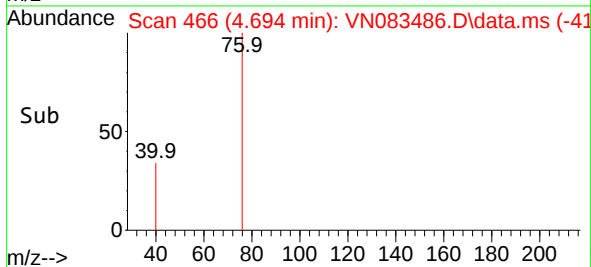
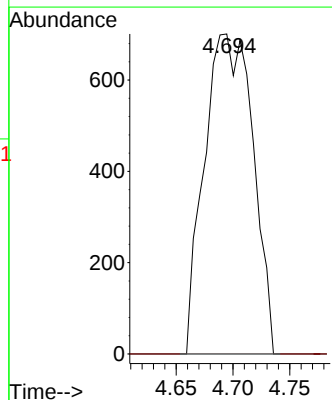
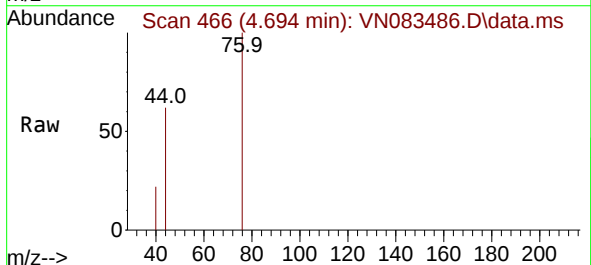


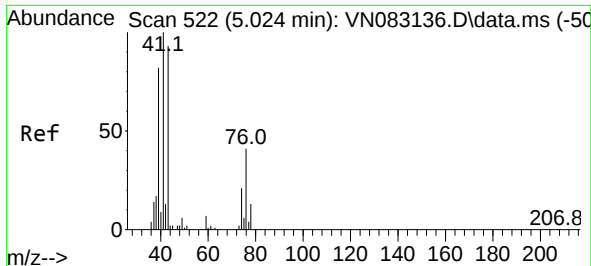
Tgt Ion: 43 Resp: 2077
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.539 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

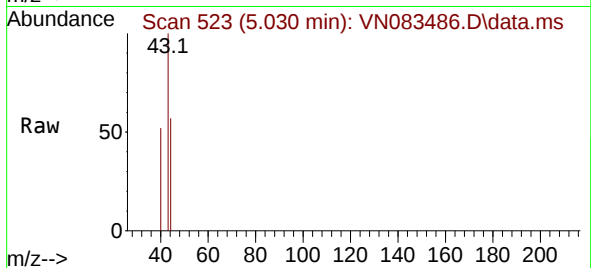
Tgt Ion: 76 Resp: 2088
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



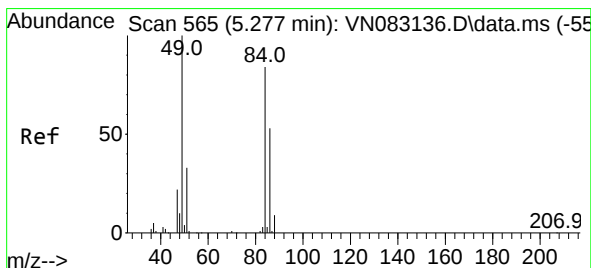
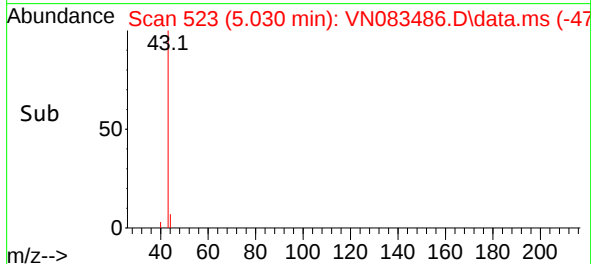
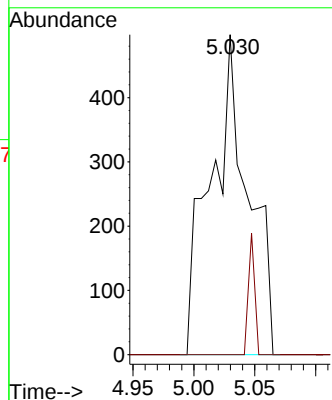


#18
Methyl Acetate
Concen: 0.540 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

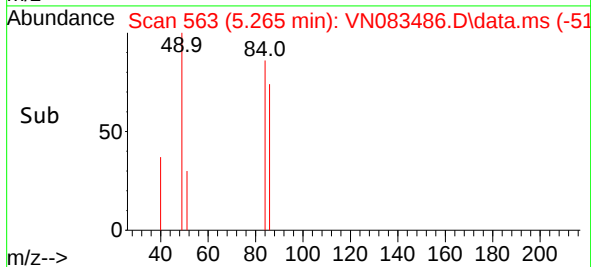
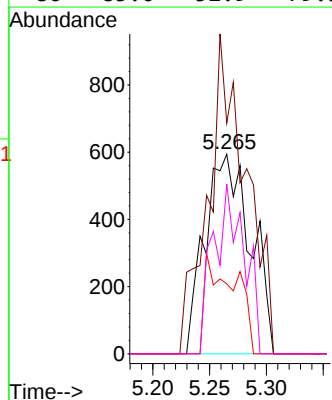
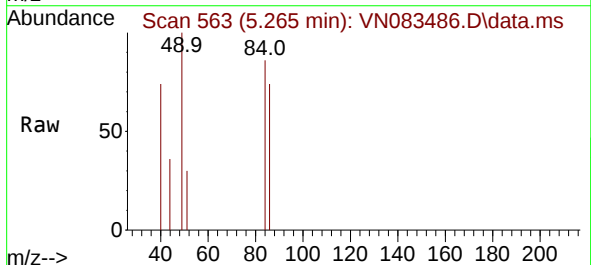


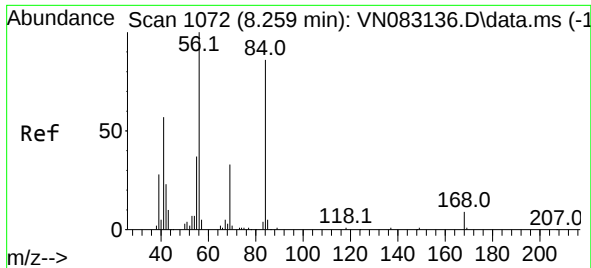
Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
74 6.3 16.3 24.5#



#20
Methylene Chloride
Concen: 1.085 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

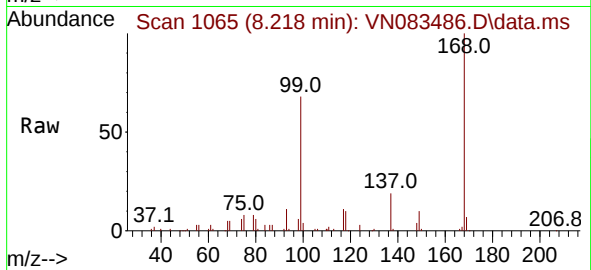
Tgt Ion: 84 Resp: 1662
Ion Ratio Lower Upper
84 100
49 115.7 119.6 179.4#
51 35.0 34.8 52.2
86 85.0 52.9 79.3#



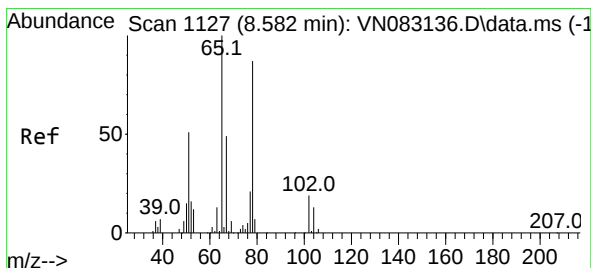
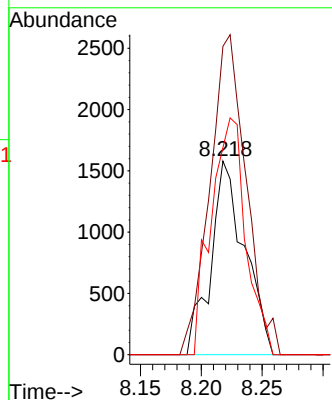
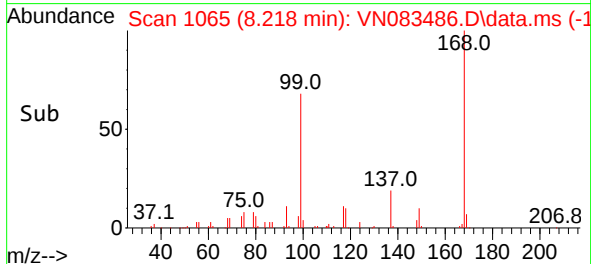


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

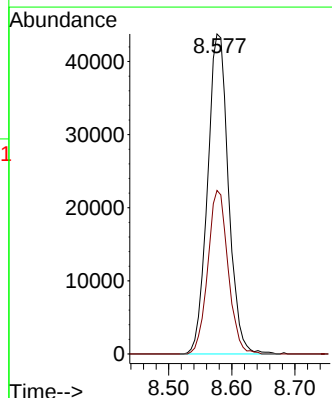
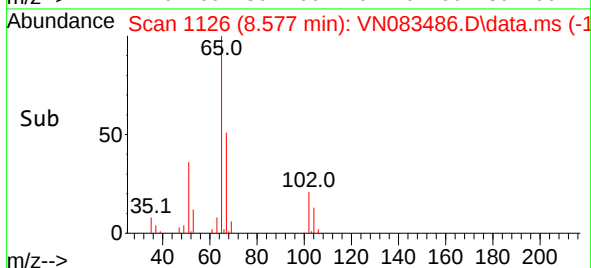
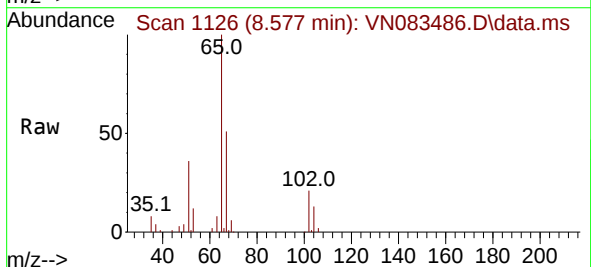


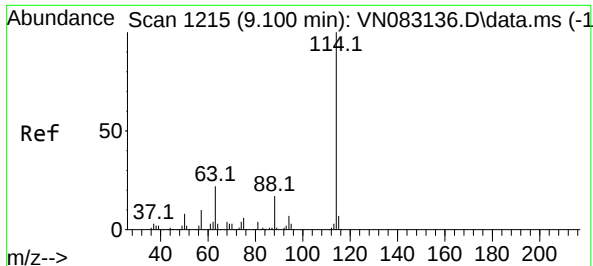
Tgt Ion: 56 Resp: 3057
Ion Ratio Lower Upper
56 100
69 159.2 24.5 36.7#
84 106.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.040 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

Tgt Ion: 65 Resp: 100423
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# 1

Delta R.T. -0.000 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

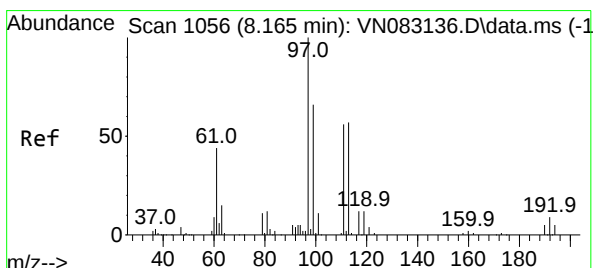
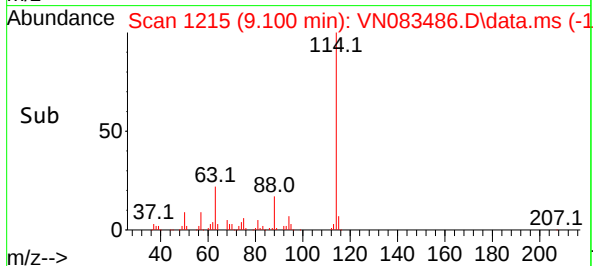
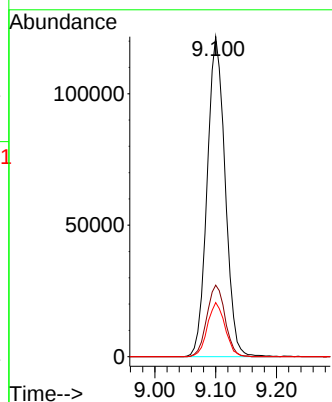
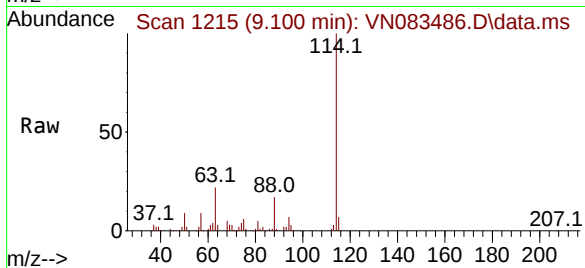
Tgt Ion:114 Resp: 249576

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

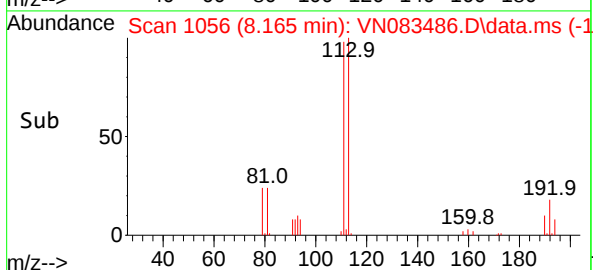
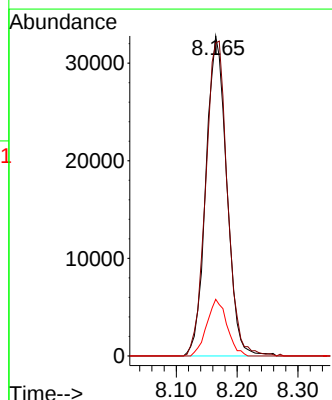
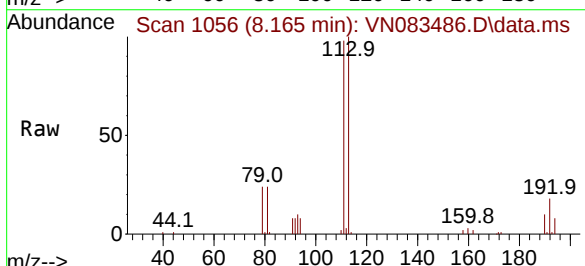
Tgt Ion:113 Resp: 78096

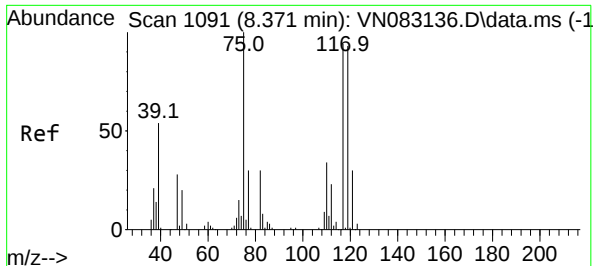
Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.695 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

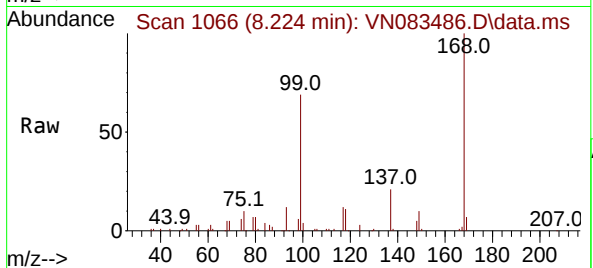
Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

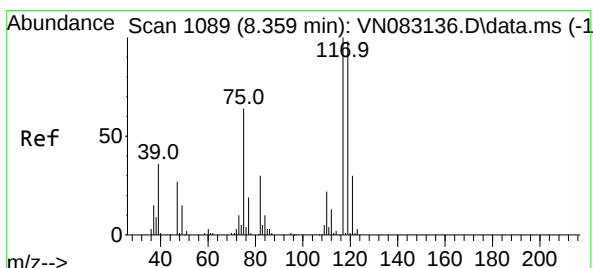
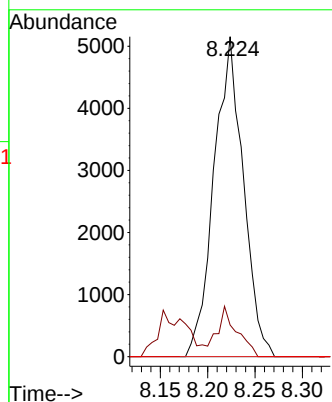
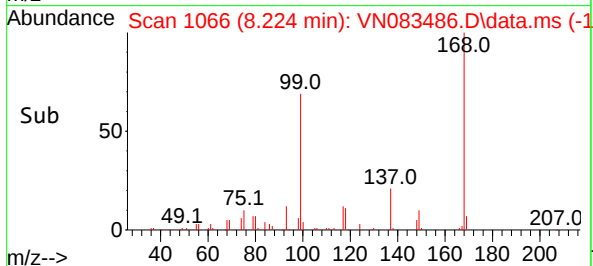
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11064
Ion Ratio	Lower	Upper	
75	100		
110	10.3	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.255 ug/l

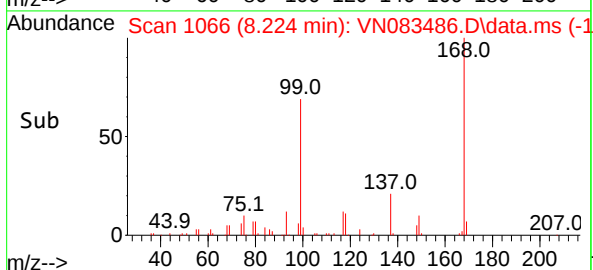
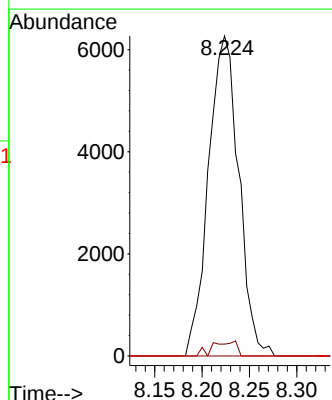
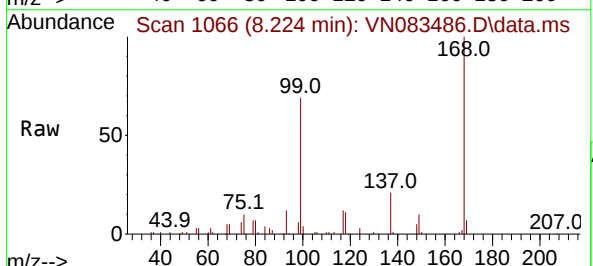
RT: 8.224 min Scan# 1066

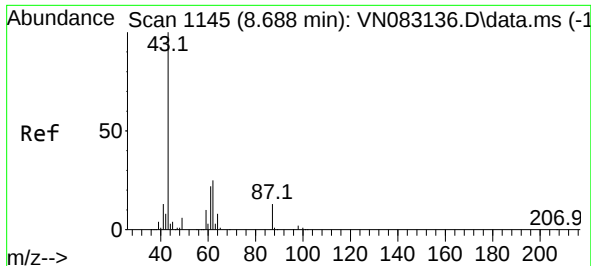
Delta R.T. -0.135 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

Tgt Ion:	117	Resp:	13948
Ion Ratio	Lower	Upper	
117	100		
119	3.7	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

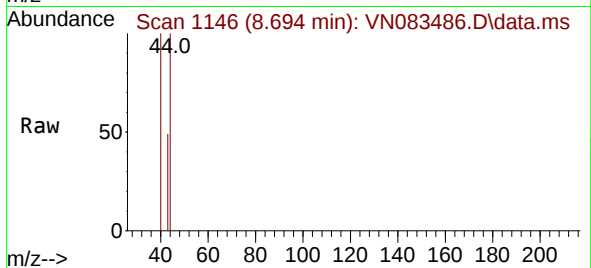
Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

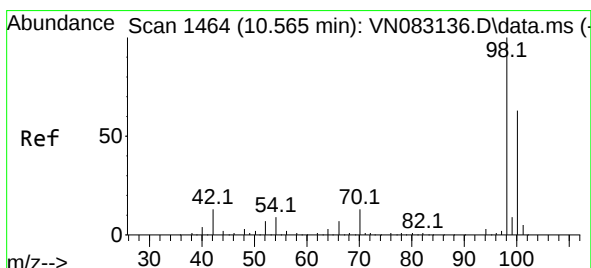
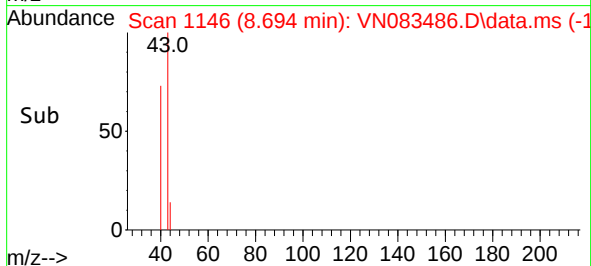
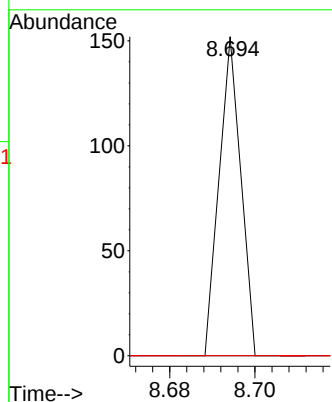
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#50

Toluene-d8

Concen: 48.420 ug/l

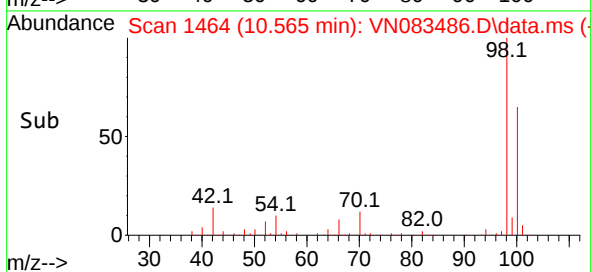
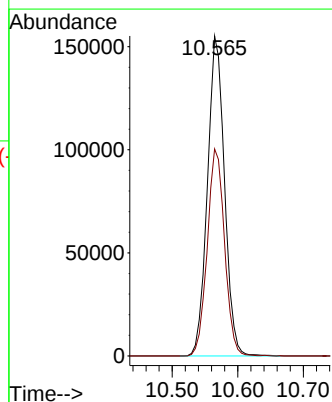
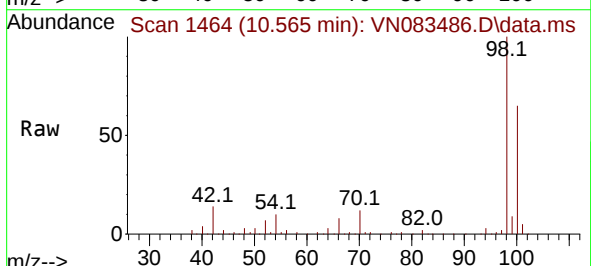
RT: 10.565 min Scan# 1464

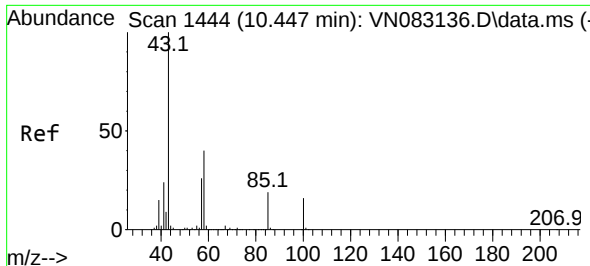
Delta R.T. -0.000 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

Tgt Ion:	98	Resp:	281367
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.5	77.3

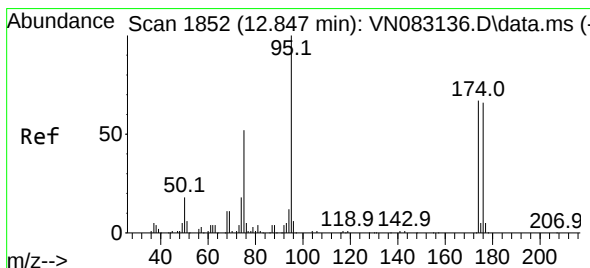
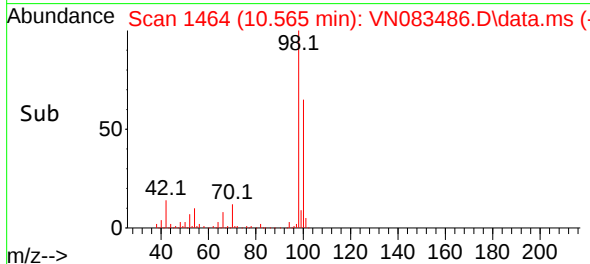
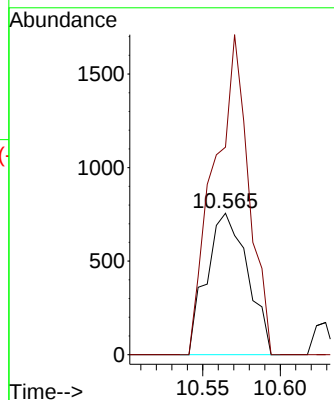
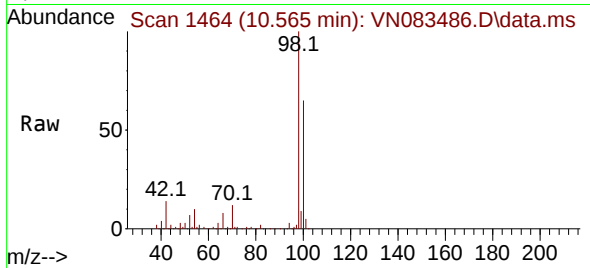




#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

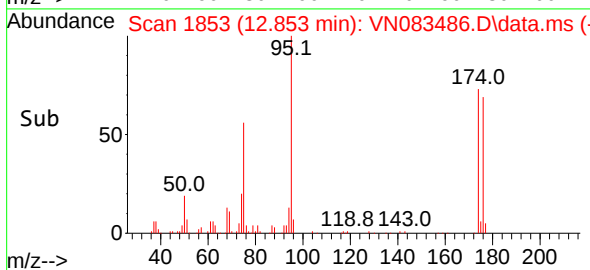
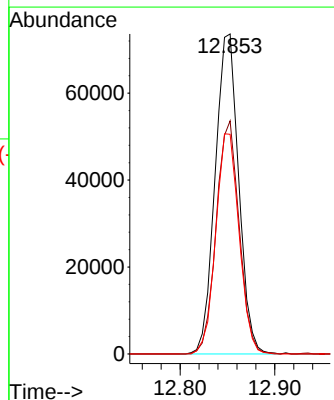
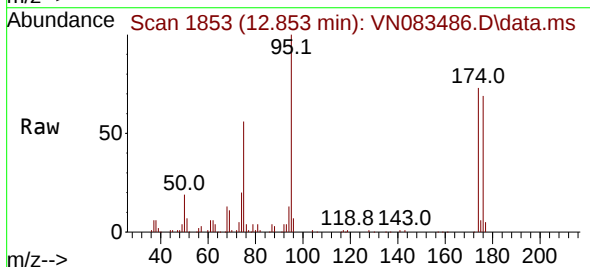
Instrument :
MSVOA_N
ClientSampleId :

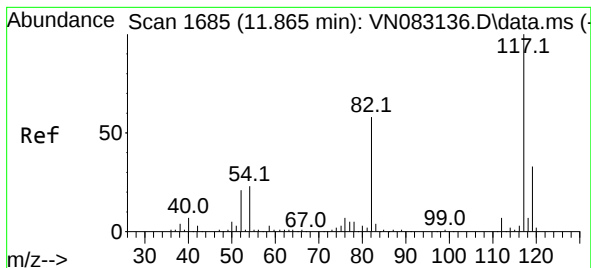
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 191.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.165 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

Tgt Ion: 95 Resp: 127239
Ion Ratio Lower Upper
95 100
174 71.0 0.0 159.2
176 68.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

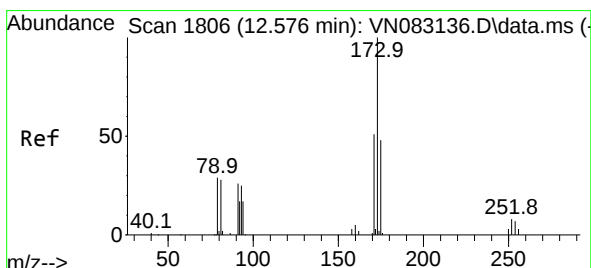
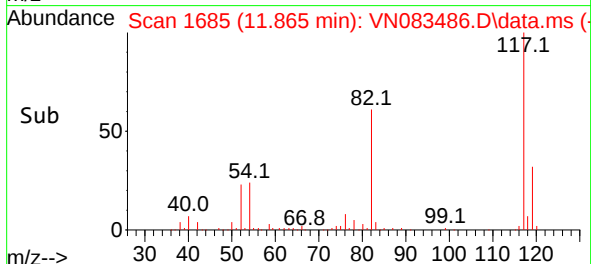
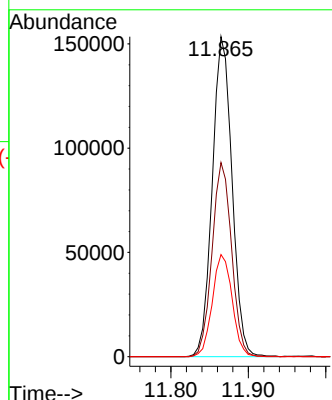
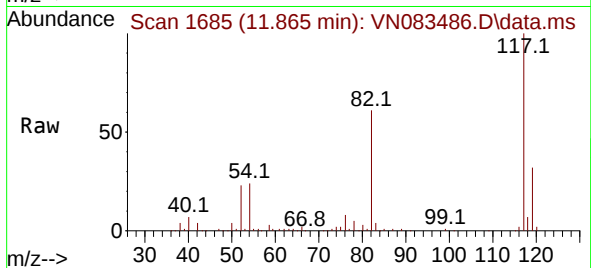
Tgt Ion:117 Resp: 271685

Ion Ratio Lower Upper

117 100

82 60.7 47.5 71.3

119 31.9 25.6 38.4



#71

Bromoform

Concen: 0.259 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.270 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

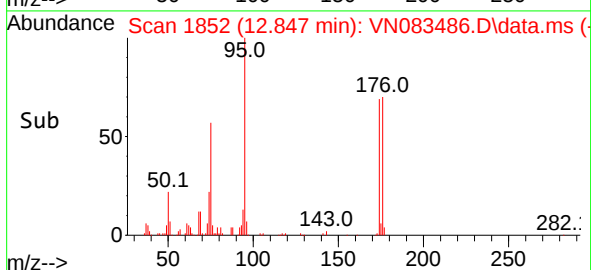
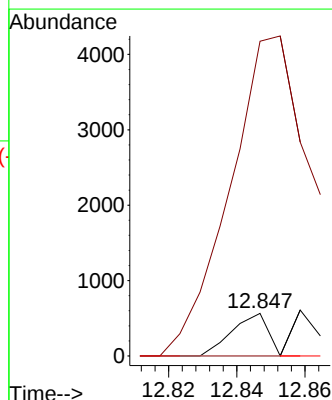
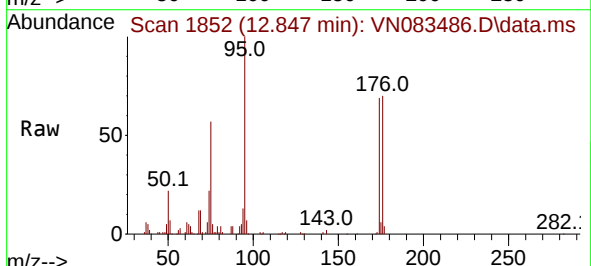
Tgt Ion:173 Resp: 415

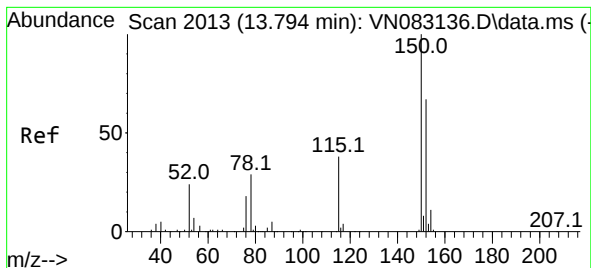
Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

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. -0.000 min MSVOA_N

Lab File: VN083486.D

Acq: 26 Aug 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

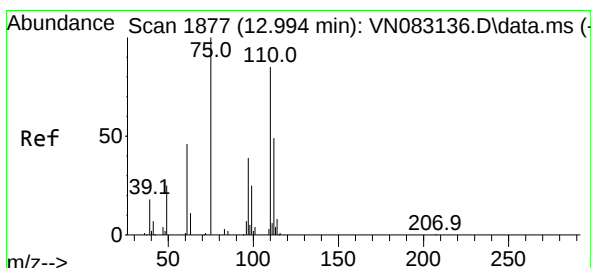
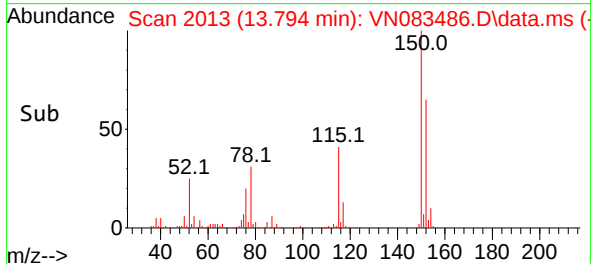
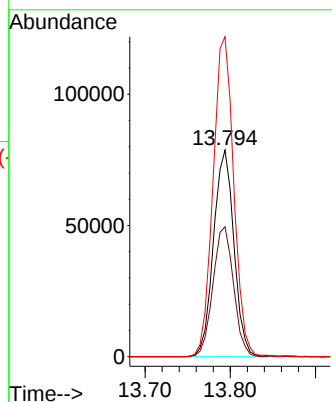
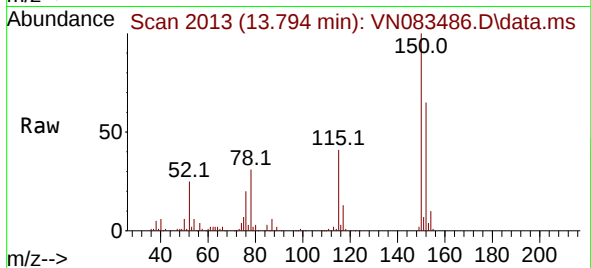
Tgt Ion:152 Resp: 131071

Ion Ratio Lower Upper

152 100

115 63.4 30.6 91.6

150 156.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 25.027 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083486.D

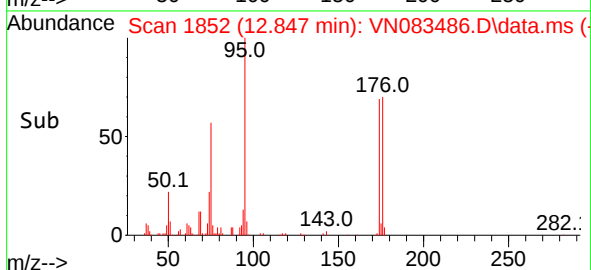
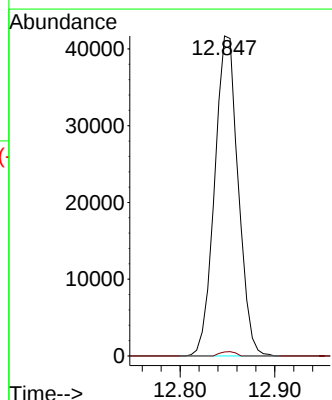
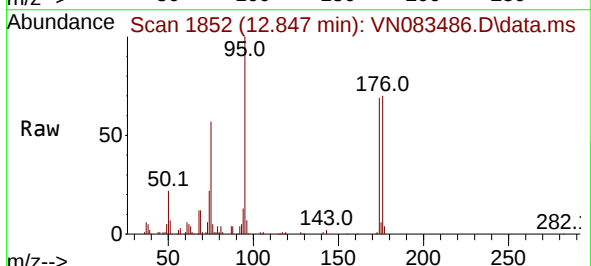
Acq: 26 Aug 2024 16:57

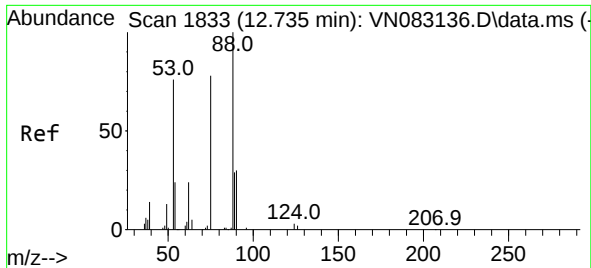
Tgt Ion: 75 Resp: 71995

Ion Ratio Lower Upper

75 100

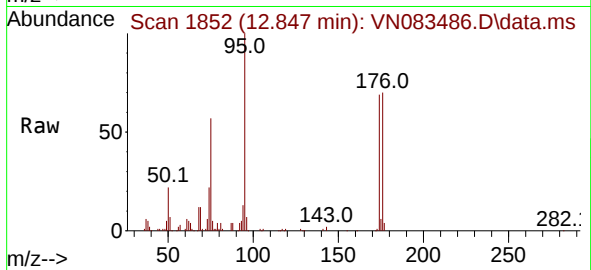
77 0.9 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.440 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 71995
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

