

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083084.D
 Acq On : 30 Jul 2024 21:54
 Operator : JC\MD
 Sample : P3376-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:10:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

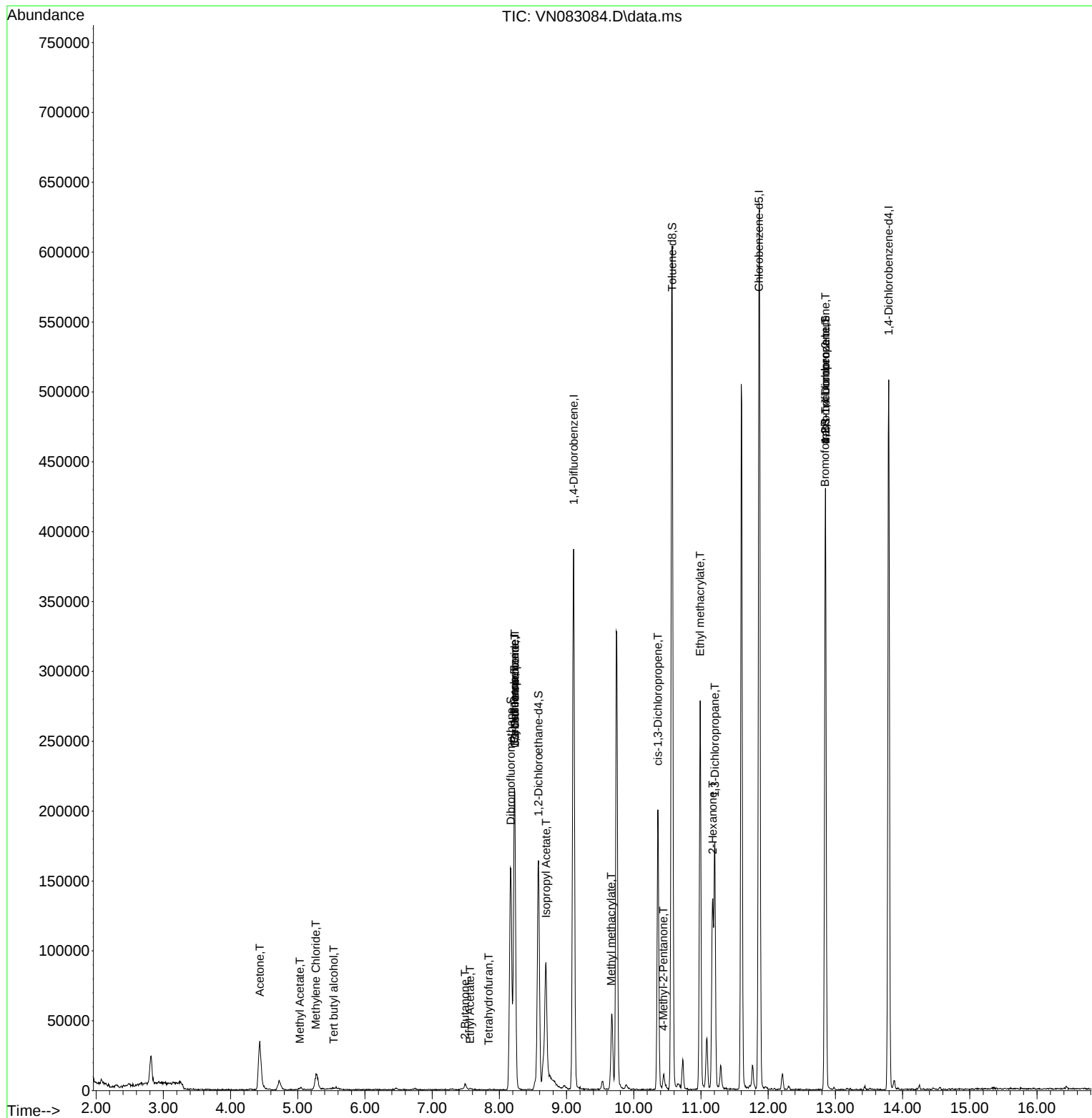
Internal Standards						
1) Pentafluorobenzene	8.223	168	149169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	353480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133675	63.927	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.860%#	
35) Dibromofluoromethane	8.170	113	110328	54.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.680%	
50) Toluene-d8	10.570	98	409835	54.649	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.300%	
62) 4-Bromofluorobenzene	12.853	95	129873	48.211	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.535	59	224	0.637	ug/l #	71
16) Acetone	4.435	43	63493	86.244	ug/l	93
18) Methyl Acetate	5.030	43	3140	1.612	ug/l #	64
20) Methylene Chloride	5.271	84	8862	4.984	ug/l #	72
25) 2-Butanone	7.488	43	6668	5.998	ug/l #	85
29) Tetrahydrofuran	7.841	42	205	0.293	ug/l #	38
31) Cyclohexane	8.223	56	4157	1.521	ug/l #	17
36) 1,1-Dichloropropene	8.229	75	14674	5.242	ug/l #	50
37) Ethyl Acetate	7.565	43	1805	0.633	ug/l #	72
38) Carbon Tetrachloride	8.229	117	16807	4.986	ug/l #	16
43) Isopropyl Acetate	8.694	43	122537	21.086	ug/l #	83
48) Methyl methacrylate	9.665	41	3105	1.389	ug/l #	44
51) 4-Methyl-2-Pentanone	10.441	43	9699	3.433	ug/l #	85
54) cis-1,3-Dichloropropene	10.359	75	31344	8.882	ug/l #	71
56) Ethyl methacrylate	10.988	69	2857	0.928	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	1461	0.417	ug/l #	43
59) 2-Hexanone	11.176	43	125541	59.761	ug/l #	28
71) Bromoform	12.847	173	1805	0.852	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	73775	31.754	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73775	62.452	ug/l #	6

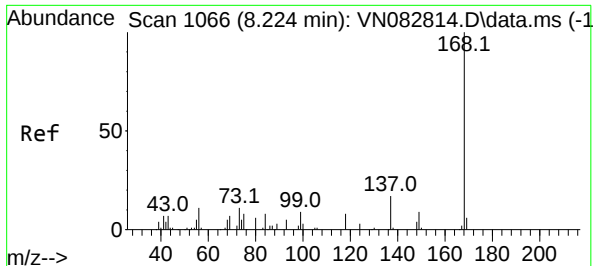
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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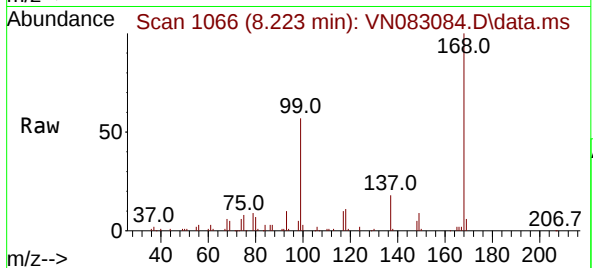
Quant Time: Jul 31 06:10:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



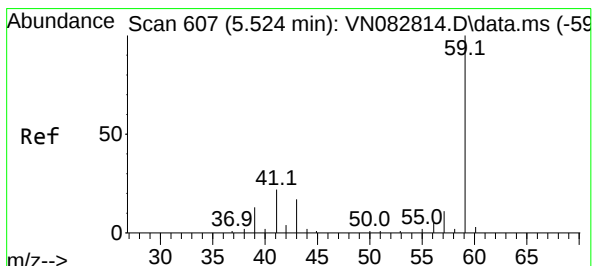
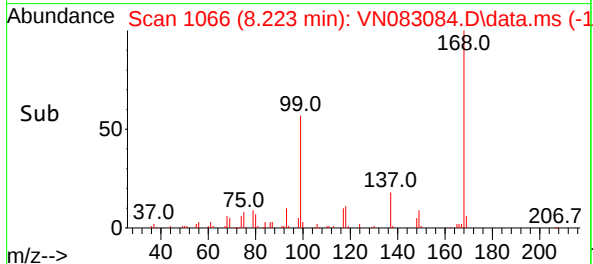
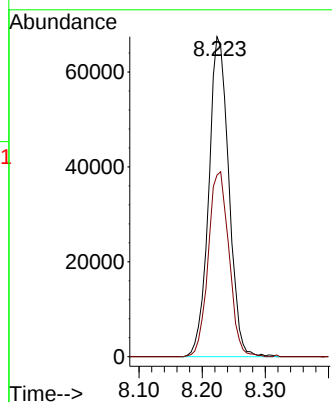


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Instrument :
MSVOA_N
ClientSampleId :

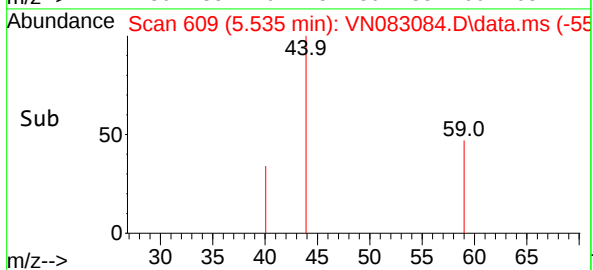
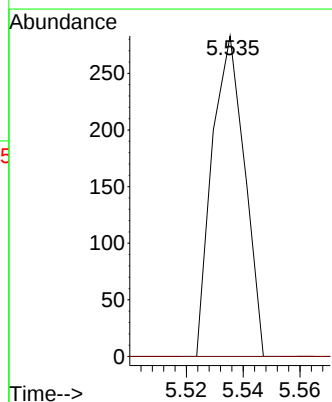
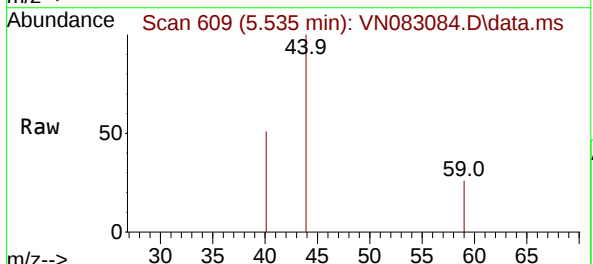


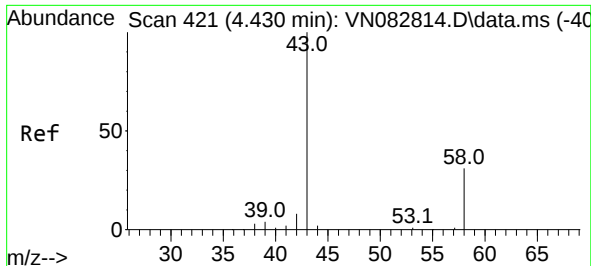
Tgt Ion:168 Resp: 149169
Ion Ratio Lower Upper
168 100
99 56.8 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.637 ug/l
RT: 5.535 min Scan# 609
Delta R.T. 0.011 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

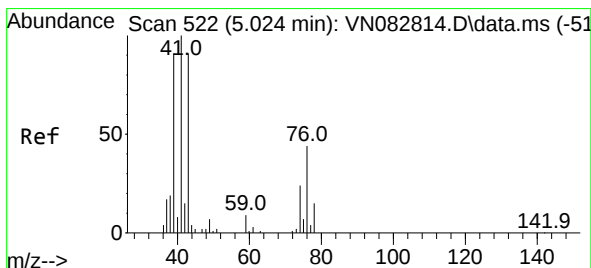
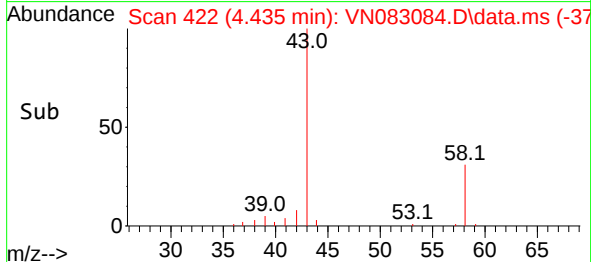
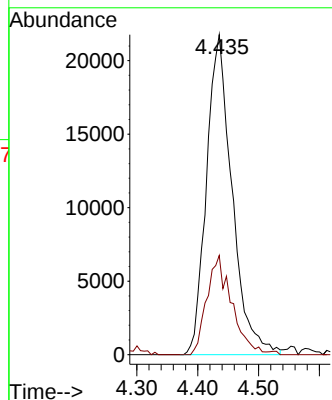
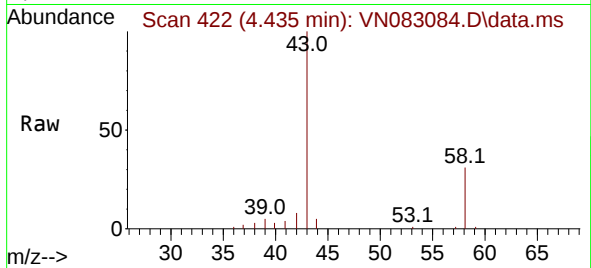




#16
Acetone
Concen: 86.244 ug/l
RT: 4.435 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

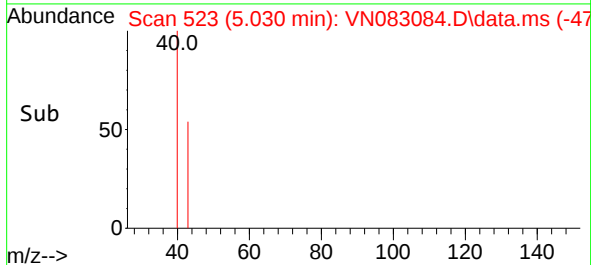
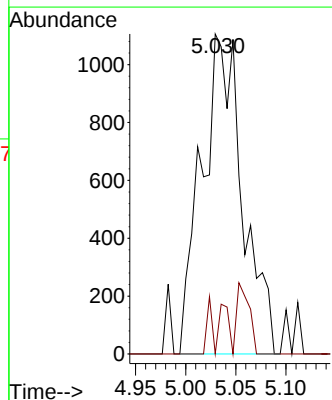
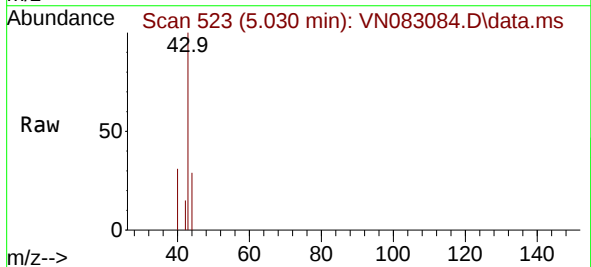
Instrument :
MSVOA_N
ClientSampleId :

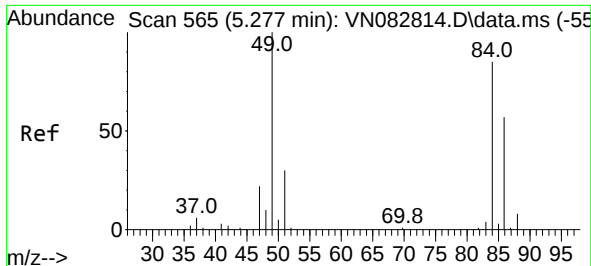
Tgt Ion: 43 Resp: 63493
Ion Ratio Lower Upper
43 100
58 31.0 21.8 32.6



#18
Methyl Acetate
Concen: 1.612 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

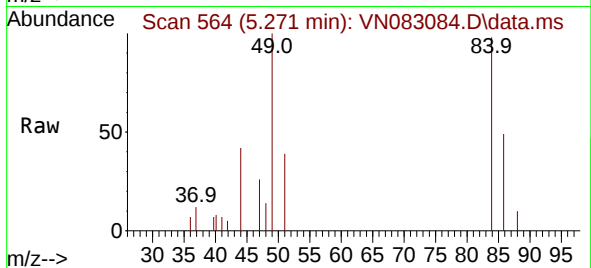
Tgt Ion: 43 Resp: 3140
Ion Ratio Lower Upper
43 100
74 3.8 16.3 24.5#



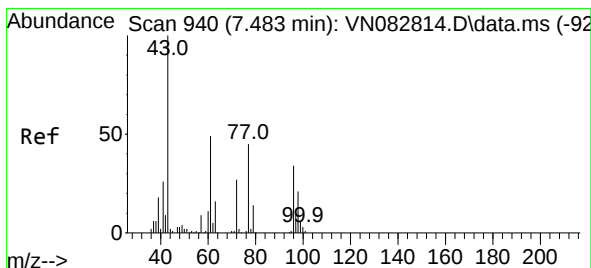
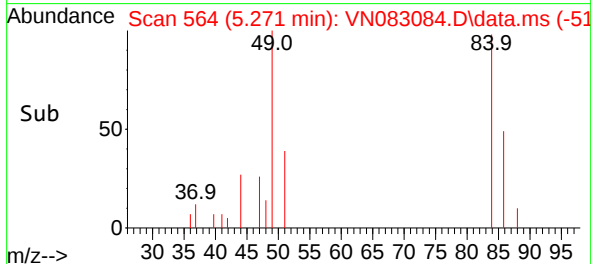
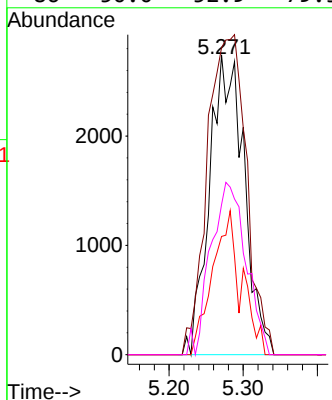


#20
Methylene Chloride
Concen: 4.984 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Instrument :
MSVOA_N
ClientSampleId :

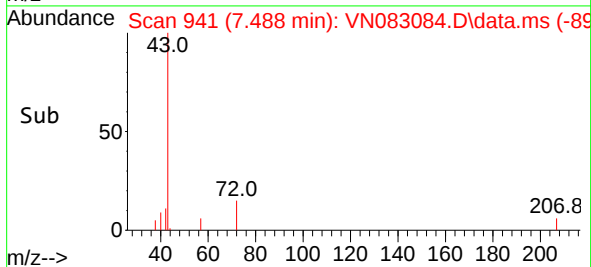
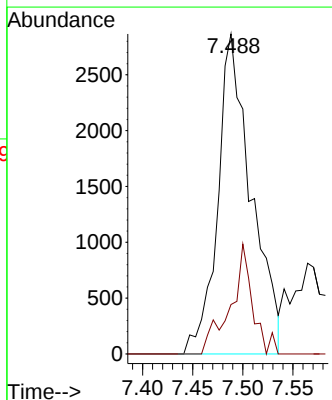
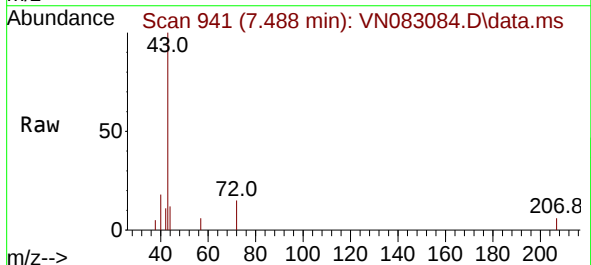


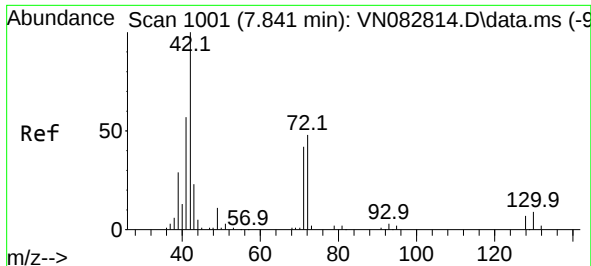
Tgt Ion: 84	Resp: 8862
Ion Ratio	Lower Upper
84 100	
49 102.4	119.6 179.4#
51 39.4	34.8 52.2
86 50.0	52.9 79.3#



#25
2-Butanone
Concen: 5.998 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Tgt Ion: 43	Resp: 6668
Ion Ratio	Lower Upper
43 100	
72 15.5	18.2 27.2#





#29

Tetrahydrofuran

Concen: 0.293 ug/l

RT: 7.841 min Scan# 1066

Delta R.T. 0.000 min

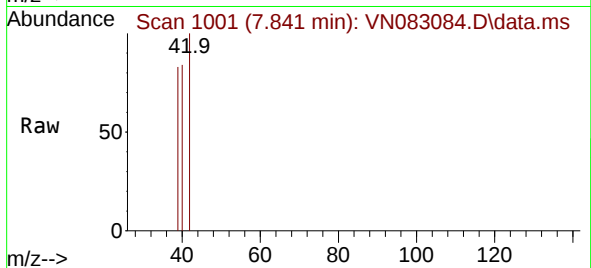
Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

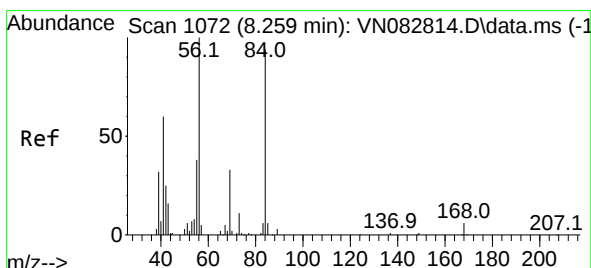
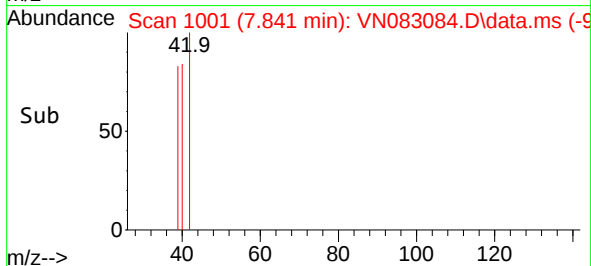
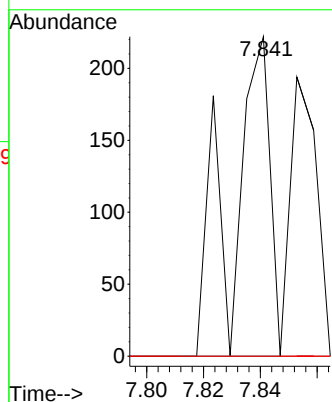
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	205
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.521 ug/l

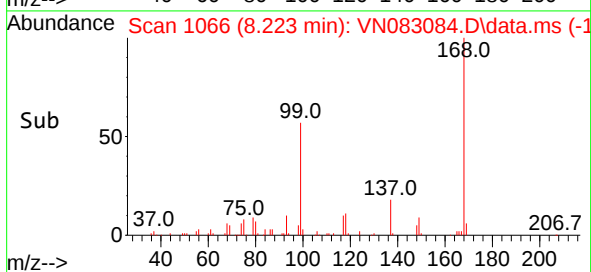
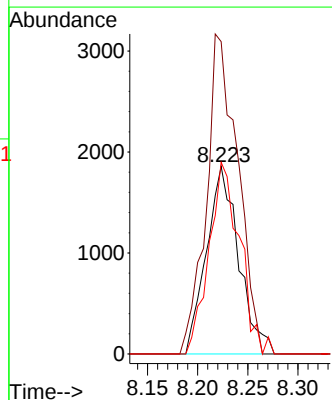
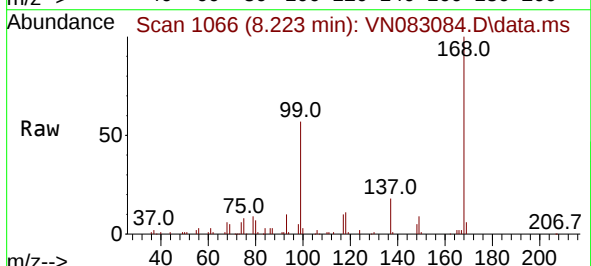
RT: 8.223 min Scan# 1066

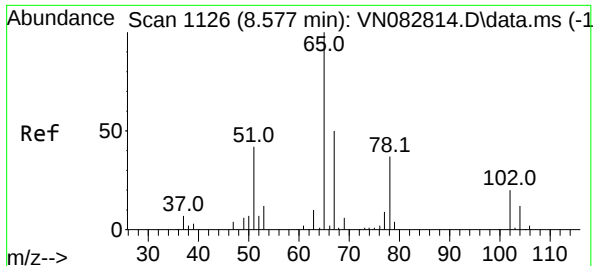
Delta R.T. -0.036 min

Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

Tgt Ion:	56	Resp:	4157
Ion	Ratio	Lower	Upper
56	100		
69	166.6	24.5	36.7#
84	102.3	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 63.927 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

Instrument :

MSVOA_N

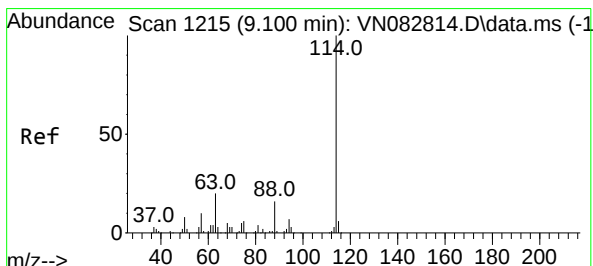
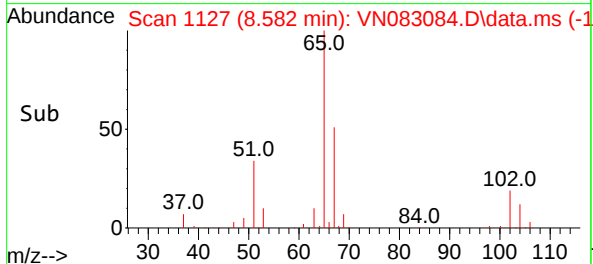
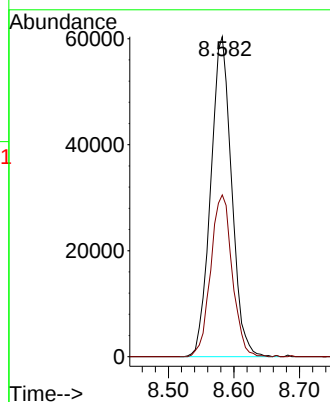
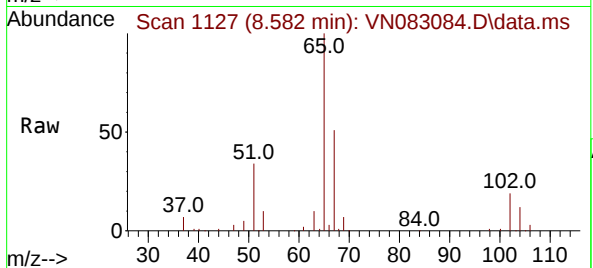
ClientSampleId :

Tgt Ion: 65 Resp: 133675

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

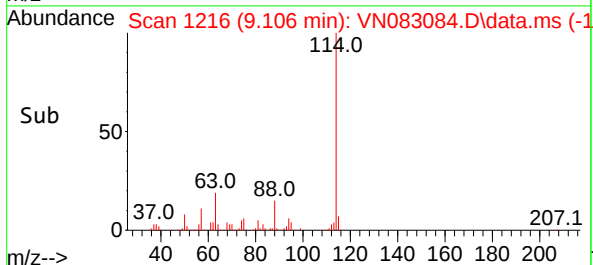
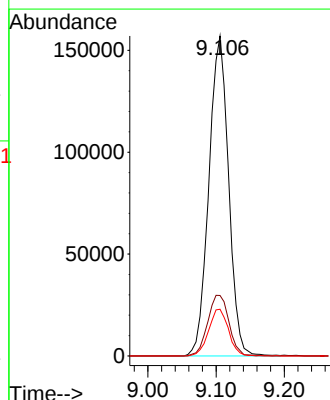
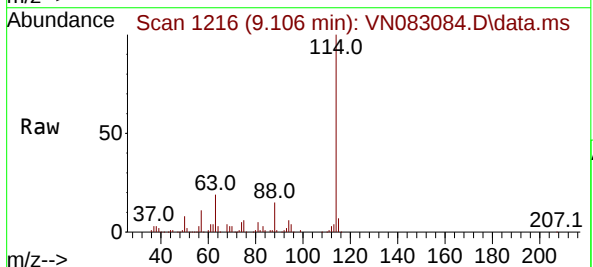
Tgt Ion: 114 Resp: 316428

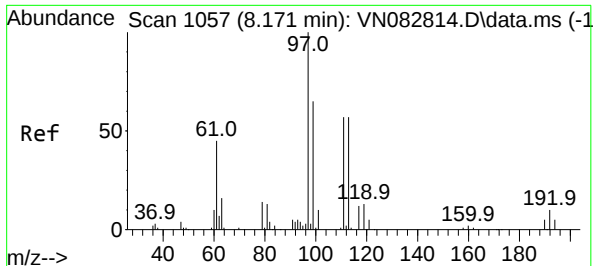
Ion Ratio Lower Upper

114 100

63 18.9 0.0 44.6

88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.337 ug/l

RT: 8.170 min Scan# 1103

Delta R.T. 0.005 min

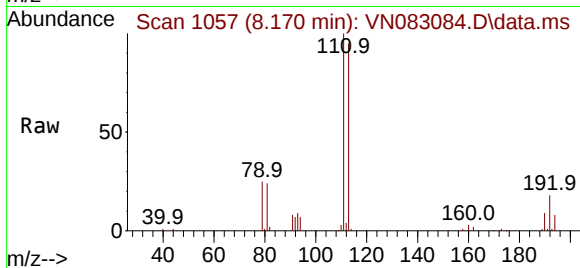
Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

Instrument :

MSVOA_N

ClientSampleId :



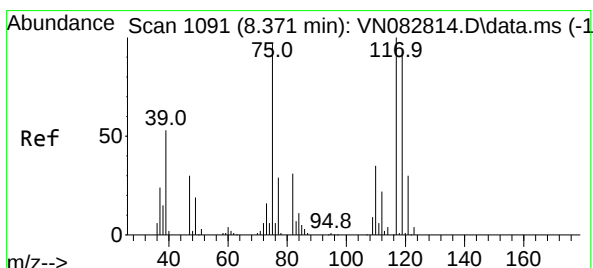
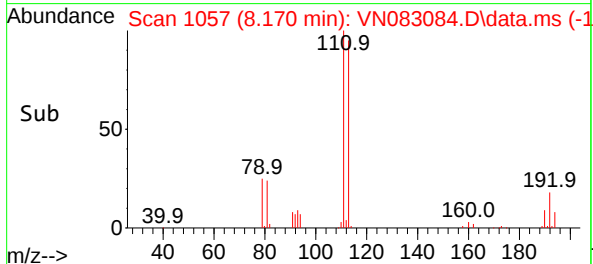
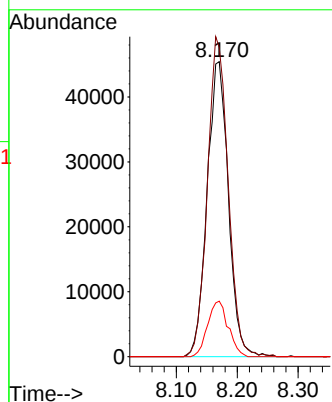
Tgt Ion:113 Resp: 110328

Ion Ratio Lower Upper

113 100

111 105.7 82.4 123.6

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.242 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

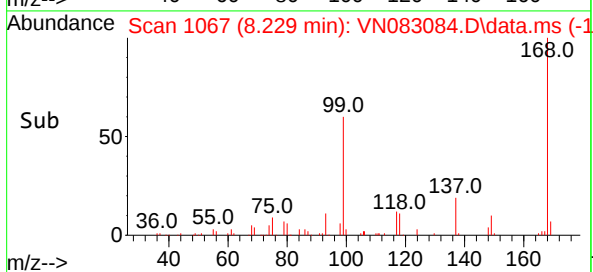
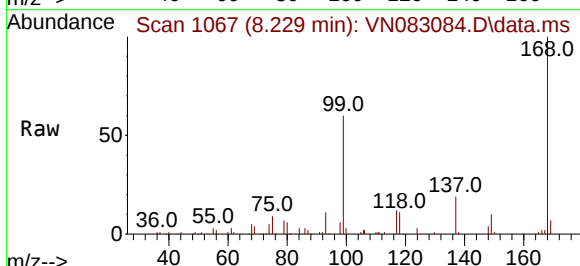
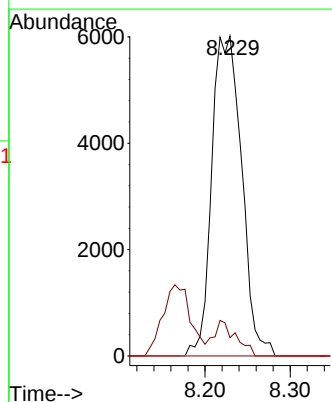
Tgt Ion: 75 Resp: 14674

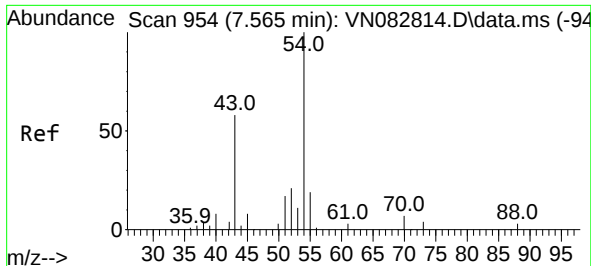
Ion Ratio Lower Upper

75 100

110 8.2 16.3 48.9#

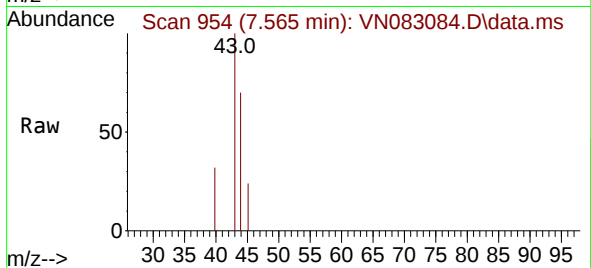
77 0.0 24.6 37.0#



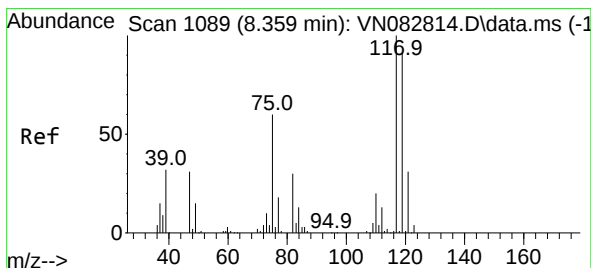
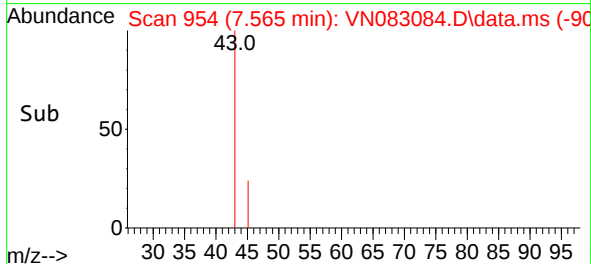
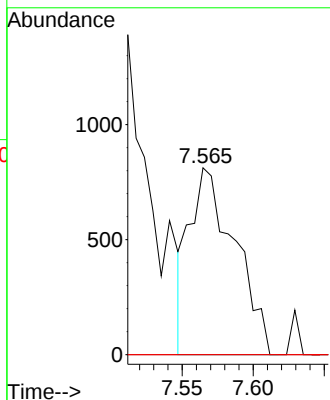


#37
Ethyl Acetate
Concen: 0.633 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Instrument :
MSVOA_N
ClientSampleId :

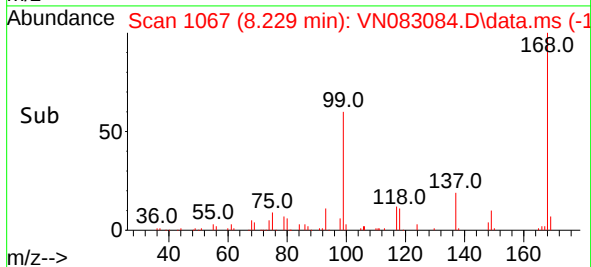
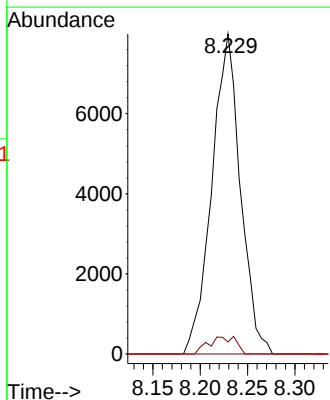
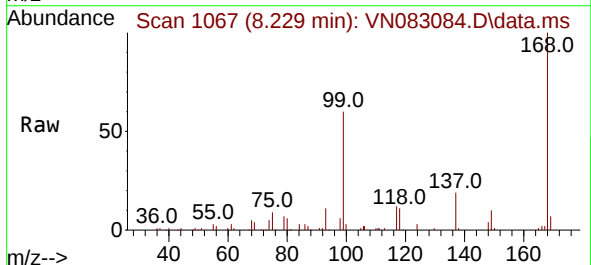


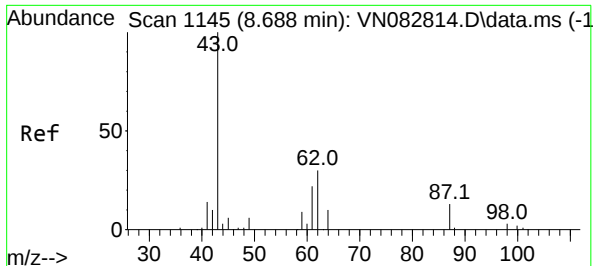
Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 4.986 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Tgt Ion: 117 Resp: 16807
Ion Ratio Lower Upper
117 100
119 3.8 74.9 112.3#
121 0.0 24.3 36.5#

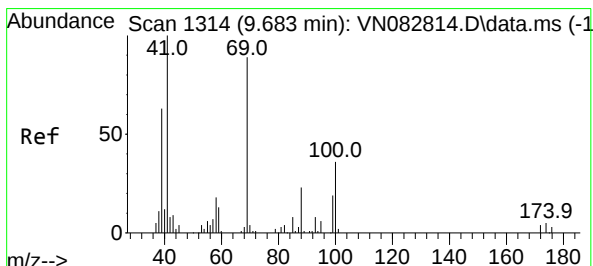
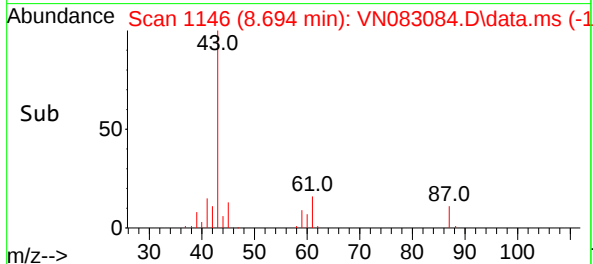
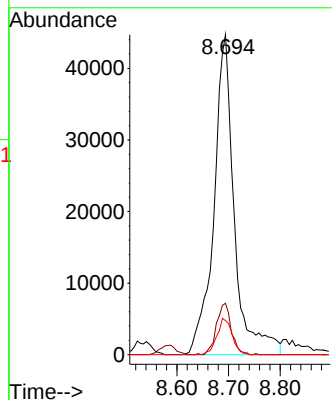
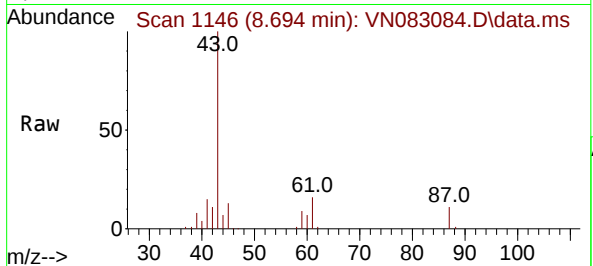




#43
Isopropyl Acetate
Concen: 21.086 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

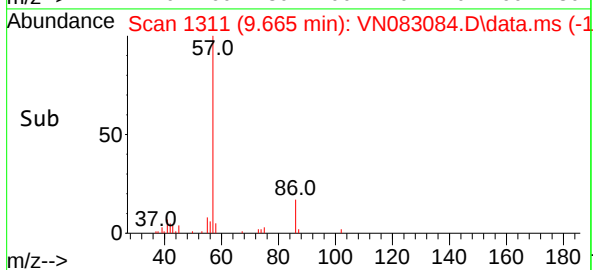
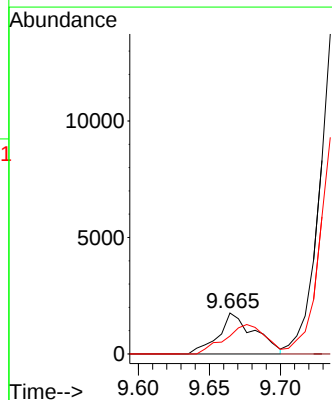
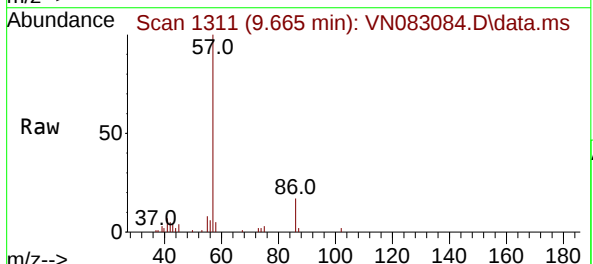
Instrument :
MSVOA_N
ClientSampleId :

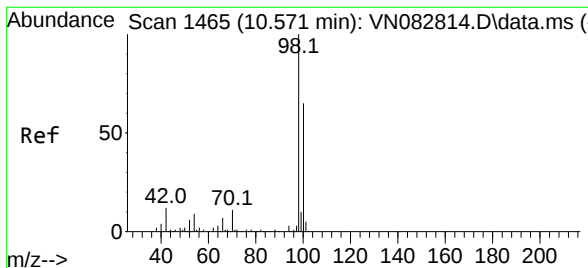
Tgt Ion: 43 Resp: 122537
Ion Ratio Lower Upper
43 100
61 11.6 17.8 26.6#
87 8.5 8.2 12.2



#48
Methyl methacrylate
Concen: 1.389 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Tgt Ion: 41 Resp: 3105
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 80.2 50.3 75.5#





#50

Toluene-d8

Concen: 54.649 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

Instrument :

MSVOA_N

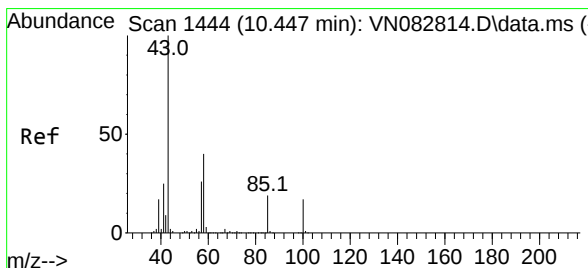
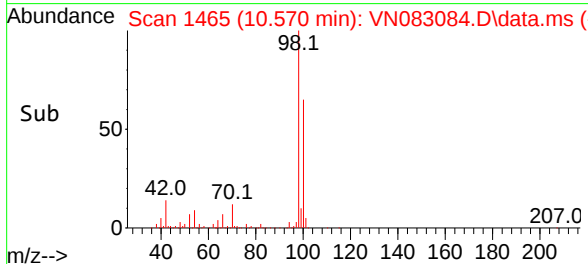
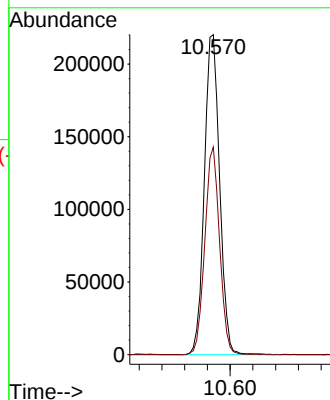
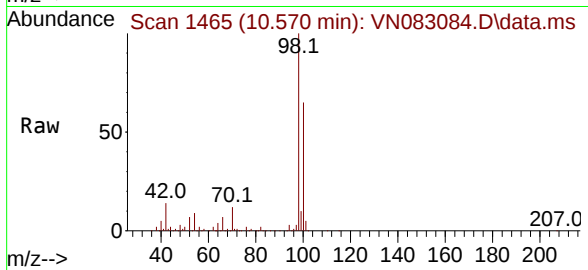
ClientSampleId :

Tgt Ion: 98 Resp: 409835

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 3.433 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN083084.D

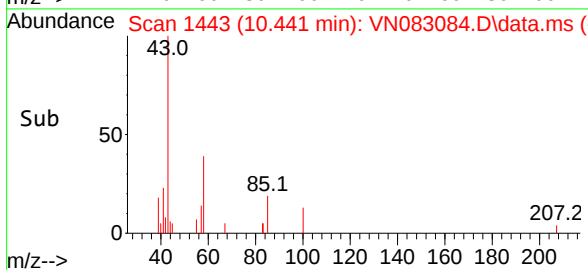
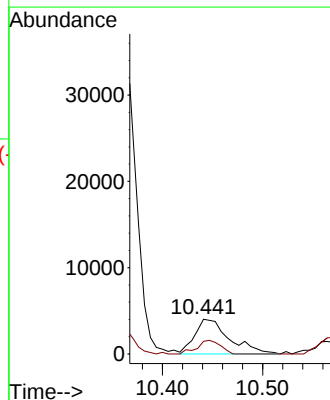
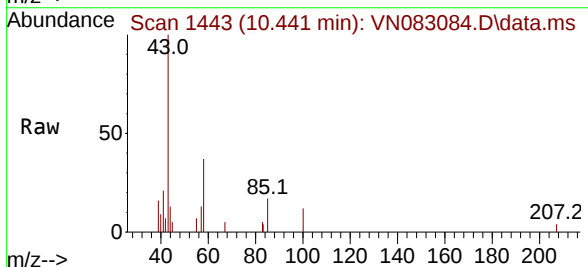
Acq: 30 Jul 2024 21:54

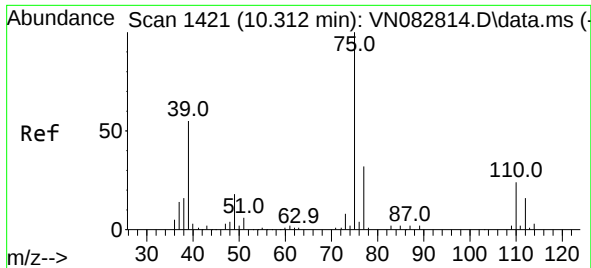
Tgt Ion: 43 Resp: 9699

Ion Ratio Lower Upper

43 100

58 26.4 28.2 42.4#

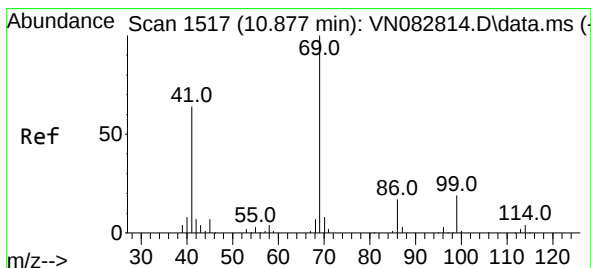
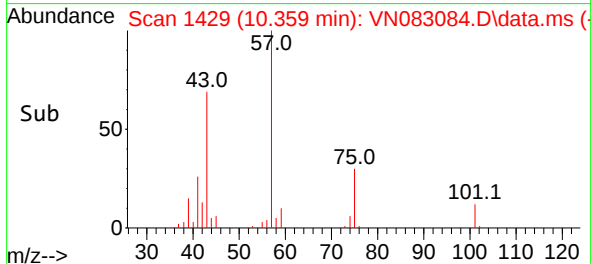
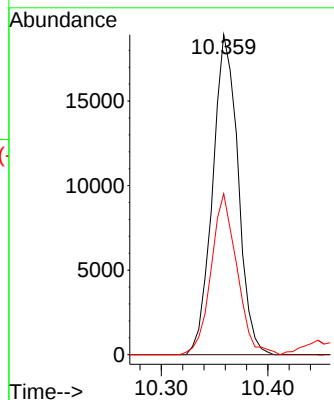
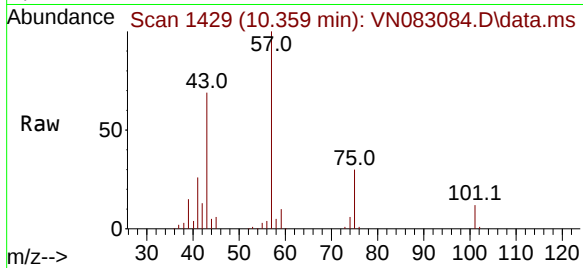




#54
 cis-1,3-Dichloropropene
 Concen: 8.882 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN083084.D
 Acq: 30 Jul 2024 21:54

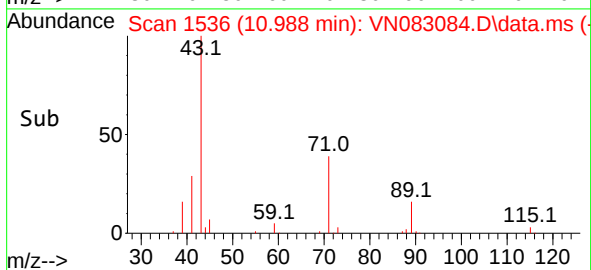
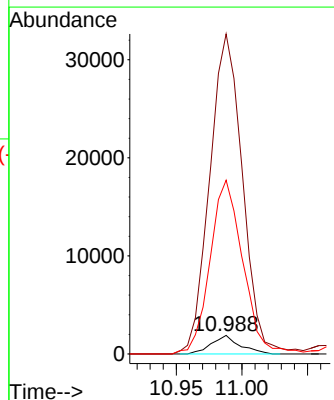
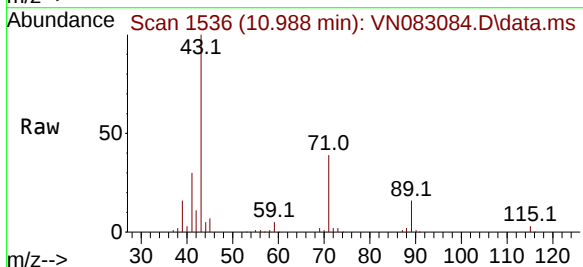
Instrument :
 MSVOA_N
 ClientSampleId :

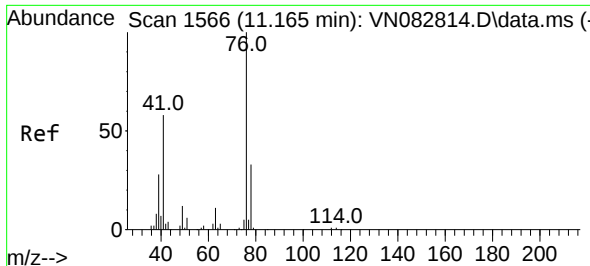
Tgt Ion: 75 Resp: 31344
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 50.3 50.5 75.7#



#56
 Ethyl methacrylate
 Concen: 0.928 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN083084.D
 Acq: 30 Jul 2024 21:54

Tgt Ion: 69 Resp: 2857
 Ion Ratio Lower Upper
 69 100
 41 1993.3 63.4 95.2#
 39 1080.0 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 0.417 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

Instrument :

MSVOA_N

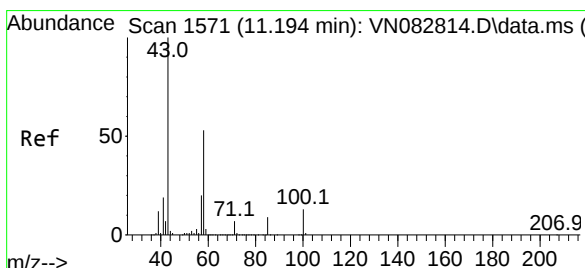
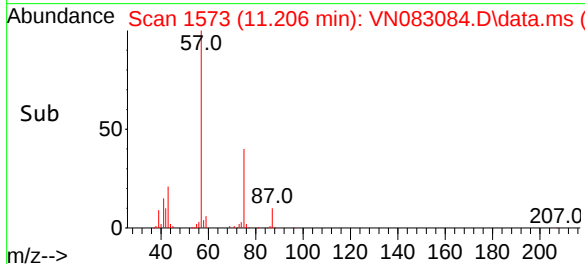
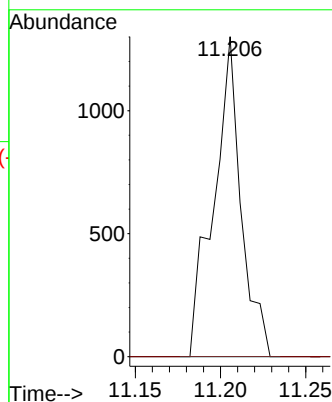
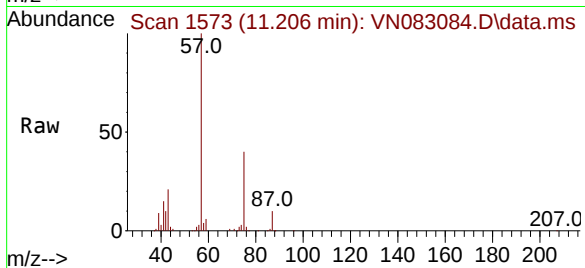
ClientSampleId :

Tgt Ion: 76 Resp: 1461

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 59.761 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN083084.D

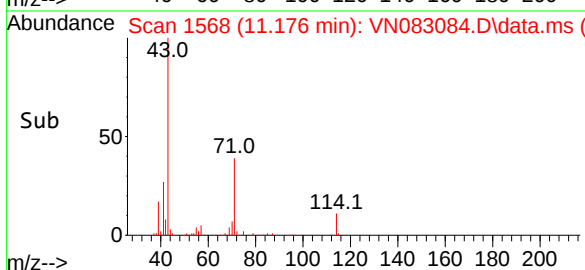
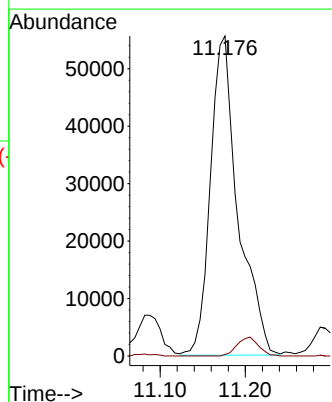
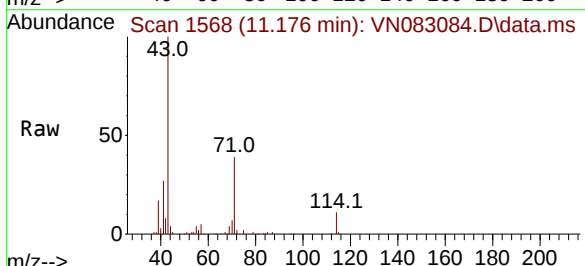
Acq: 30 Jul 2024 21:54

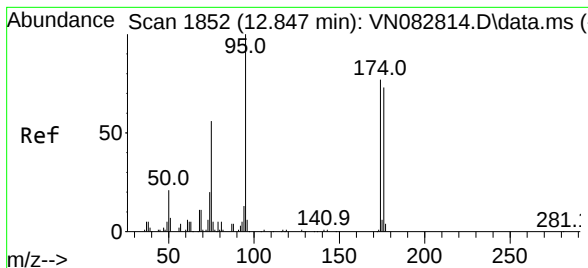
Tgt Ion: 43 Resp: 125541

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#

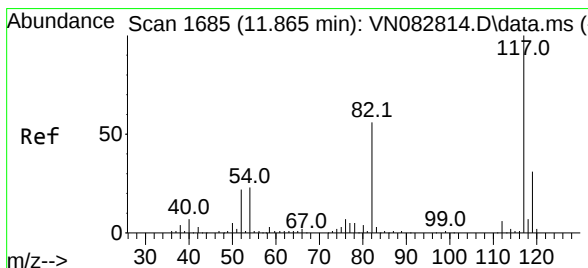
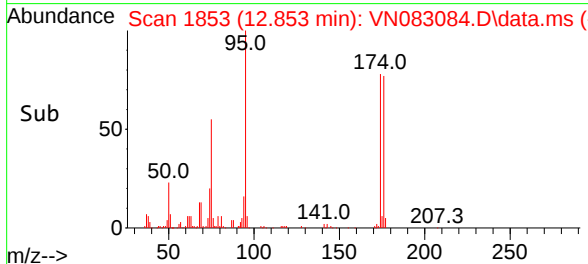
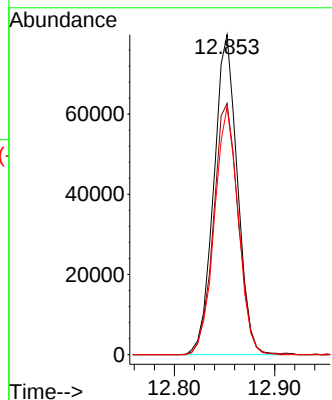
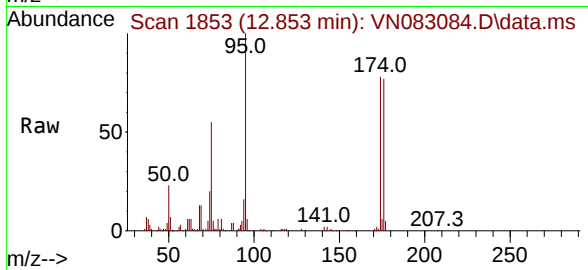




#62
4-Bromofluorobenzene
Concen: 48.211 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

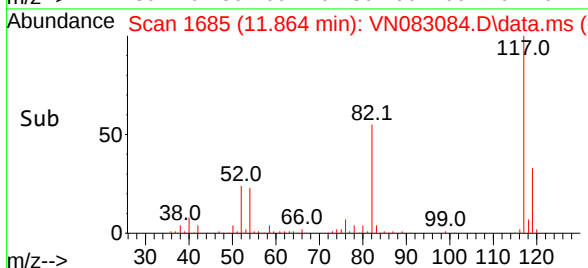
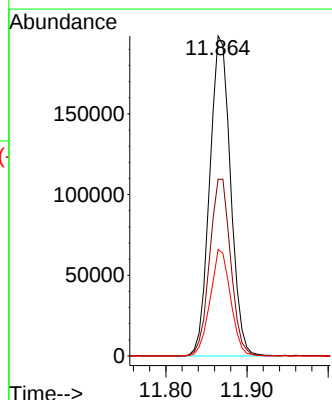
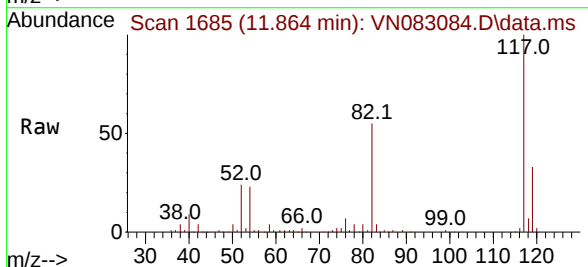
Instrument :
MSVOA_N
ClientSampleId :

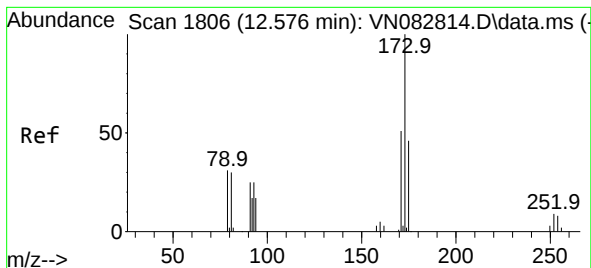
Tgt Ion: 95 Resp: 129873
Ion Ratio Lower Upper
95 100
174 82.8 0.0 159.2
176 78.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Tgt Ion: 117 Resp: 353480
Ion Ratio Lower Upper
117 100
82 55.2 47.5 71.3
119 33.3 25.6 38.4





#71

Bromoform

Concen: 0.852 ug/l

RT: 12.847 min Scan# 1805

Delta R.T. 0.265 min

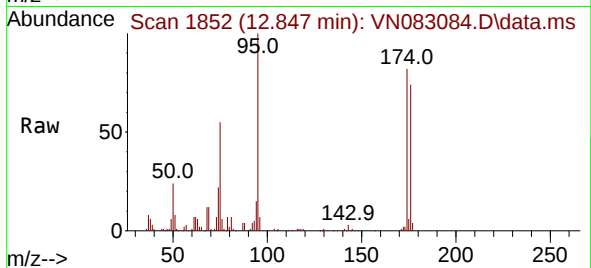
Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

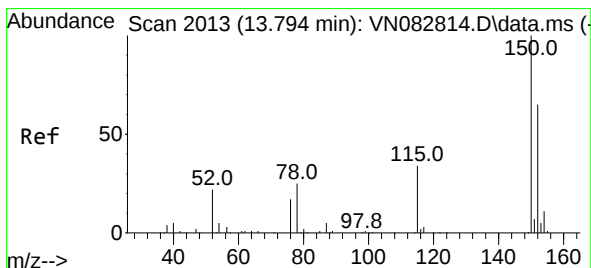
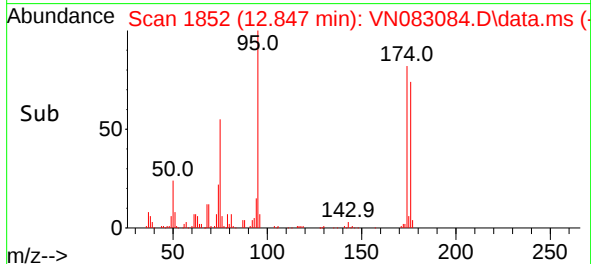
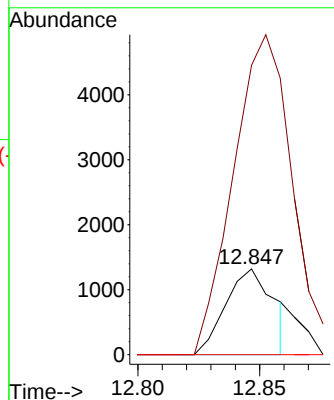
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	1805
Ion Ratio	Lower	Upper	
173	100		
175	378.9	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

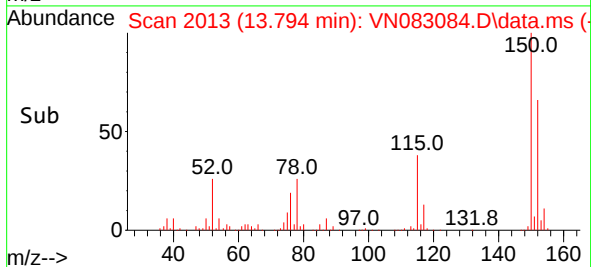
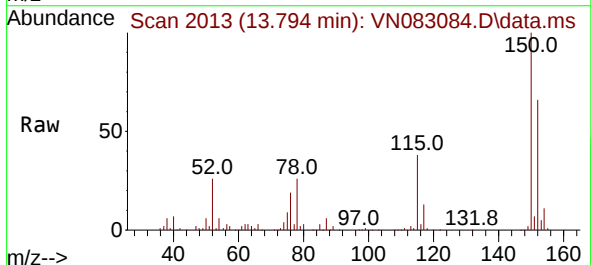
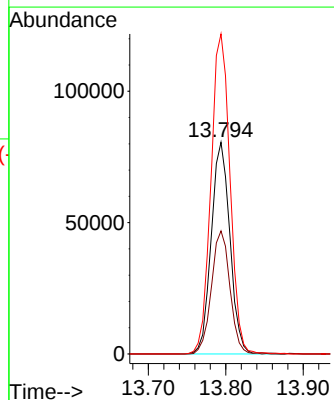
RT: 13.794 min Scan# 2013

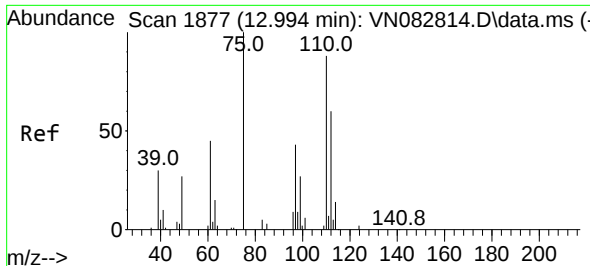
Delta R.T. -0.000 min

Lab File: VN083084.D

Acq: 30 Jul 2024 21:54

Tgt Ion:	152	Resp:	134758
Ion Ratio	Lower	Upper	
152	100		
115	57.7	30.6	91.6
150	154.2	0.0	348.6

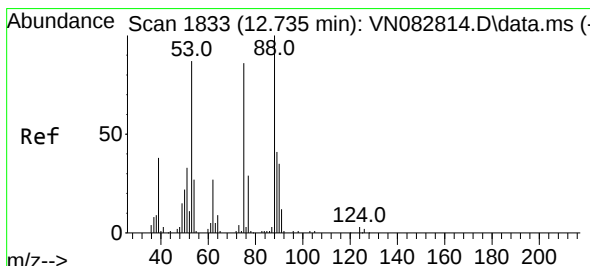
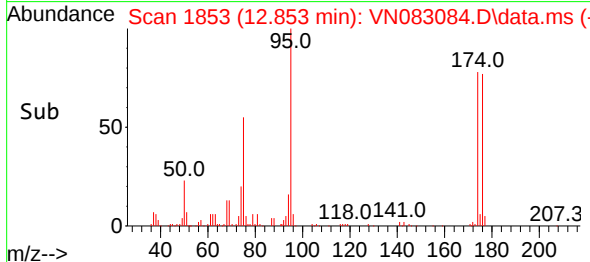
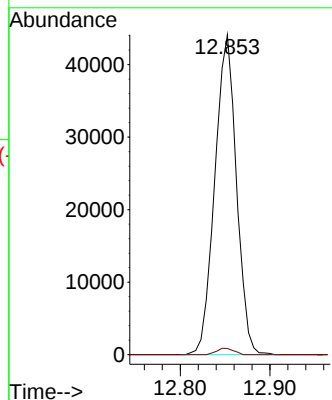
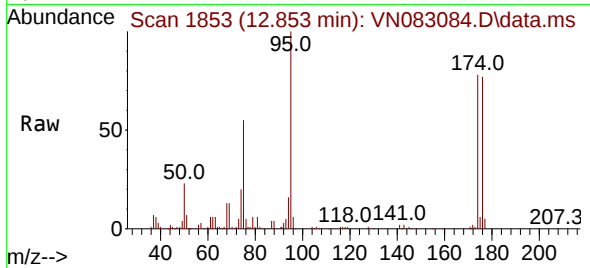




#76
1,2,3-Trichloropropane
Concen: 31.754 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 73775
Ion Ratio Lower Upper
75 100
77 1.6 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.452 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083084.D
Acq: 30 Jul 2024 21:54

Tgt Ion: 75 Resp: 73775
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#

