

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083086.D
 Acq On : 30 Jul 2024 22:43
 Operator : JC\MD
 Sample : P3376-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:11:49 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

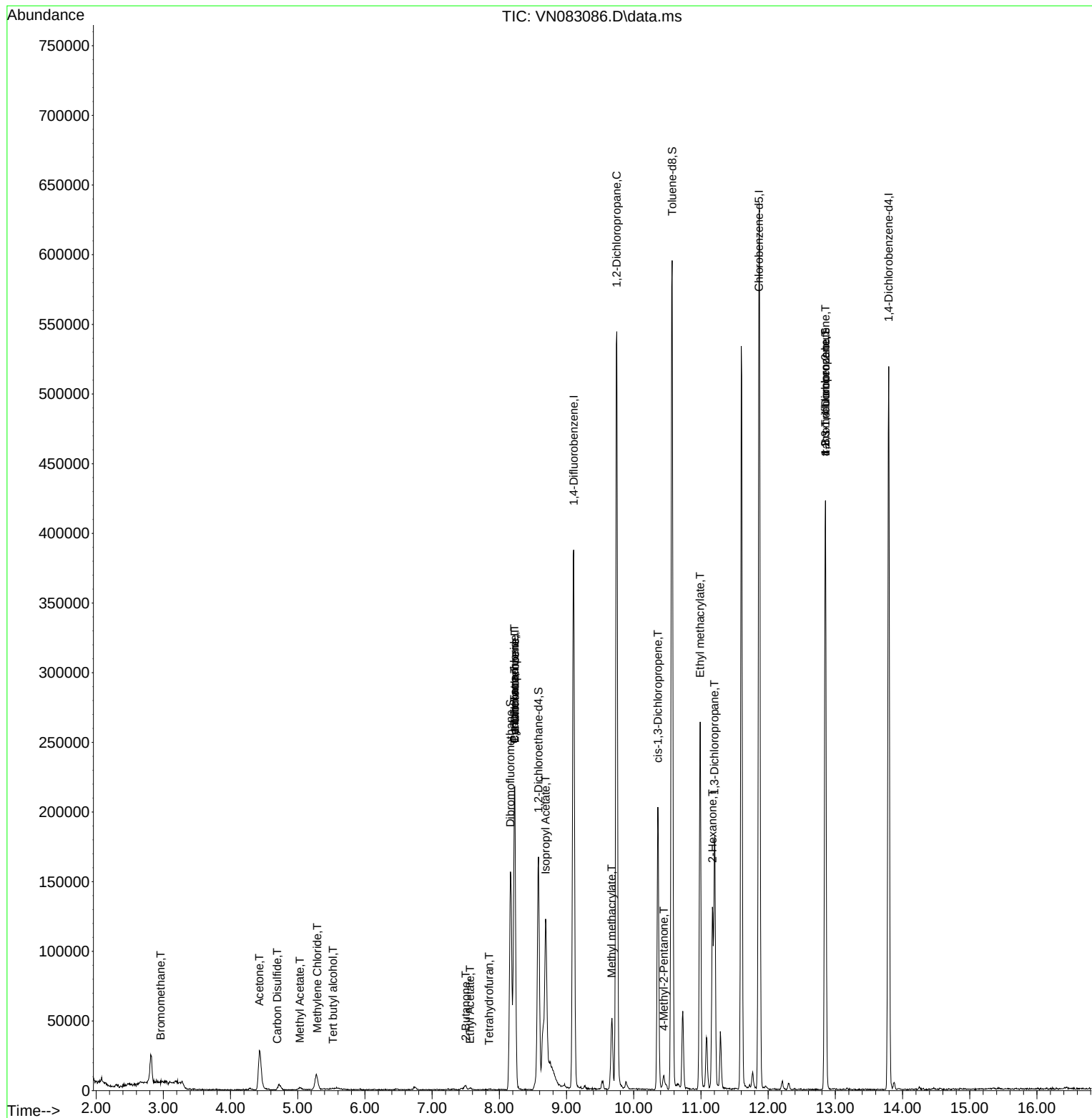
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	149363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133842	63.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.840%#	
35) Dibromofluoromethane	8.165	113	111554	54.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.220%	
50) Toluene-d8	10.571	98	406084	53.821	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.853	95	130099	48.003	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.000%	
Target Compounds						Qvalue
5) Bromomethane	2.959	94	329	0.237	ug/l	99
11) Tert butyl alcohol	5.524	59	356	1.011	ug/l #	71
16) Acetone	4.430	43	54664	74.155	ug/l	90
17) Carbon Disulfide	4.695	76	914	0.201	ug/l #	75
18) Methyl Acetate	5.030	43	2065	1.059	ug/l	94
20) Methylene Chloride	5.289	84	8312	4.669	ug/l #	68
25) 2-Butanone	7.500	43	5527	4.966	ug/l #	90
29) Tetrahydrofuran	7.847	42	359	0.512	ug/l #	69
31) Cyclohexane	8.224	56	4510	1.648	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15267	5.421	ug/l #	50
37) Ethyl Acetate	7.565	43	2580	0.900	ug/l #	79
38) Carbon Tetrachloride	8.224	117	15593	4.598	ug/l #	17
43) Isopropyl Acetate	8.688	43	173122	30.885	ug/l #	82
45) 1,2-Dichloropropane	9.747	63	510	0.252	ug/l #	44
48) Methyl methacrylate	9.671	41	3408	1.516	ug/l #	55
51) 4-Methyl-2-Pentanone	10.447	43	8957	3.151	ug/l #	80
54) cis-1,3-Dichloropropene	10.359	75	32048	9.027	ug/l #	67
56) Ethyl methacrylate	10.988	69	2091	0.675	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	1924	0.546	ug/l #	43
59) 2-Hexanone	11.171	43	116370	55.060	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	75013	32.549	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	75013	64.014	ug/l #	6

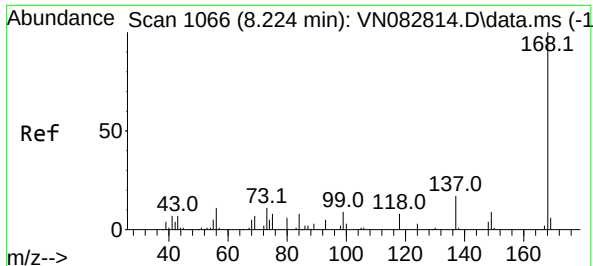
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
Data File : VN083086.D
Acq On : 30 Jul 2024 22:43
Operator : JC\MD
Sample : P3376-15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 31 06:11:49 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

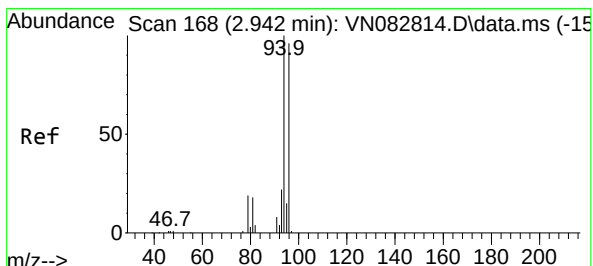
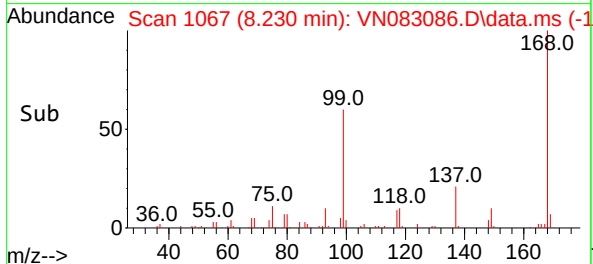
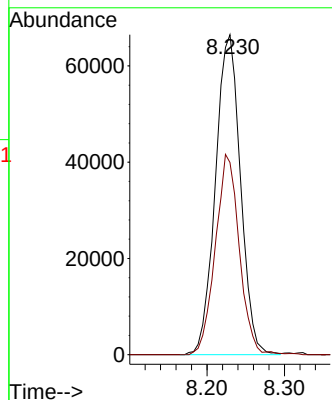
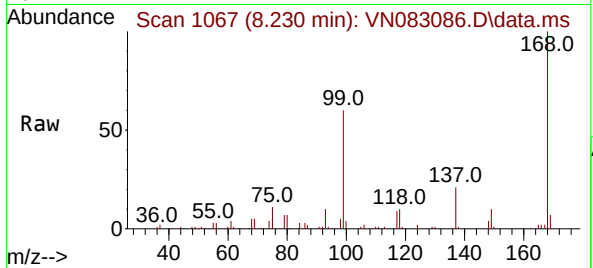




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

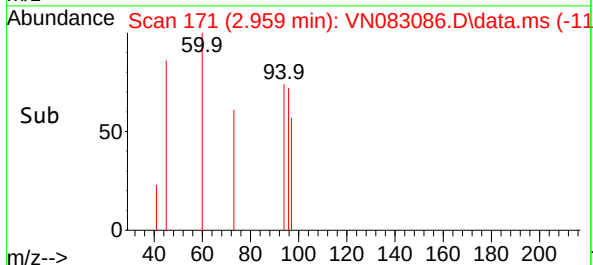
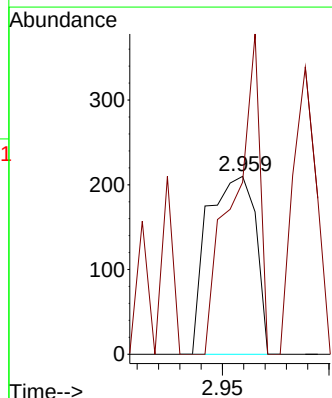
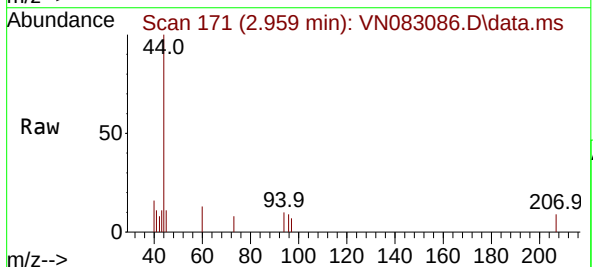
Instrument :
MSVOA_N
ClientSampleId :

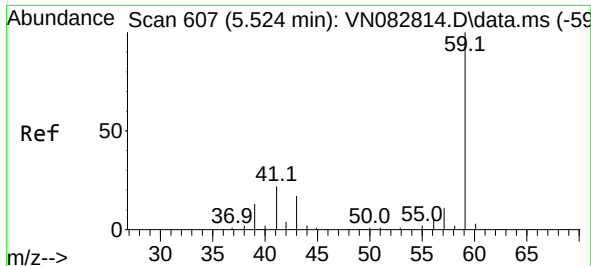
Tgt Ion:168 Resp: 149363
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#5
Bromomethane
Concen: 0.237 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

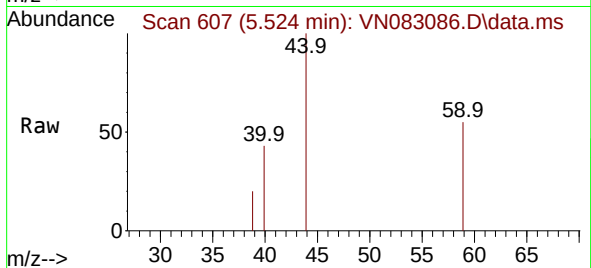
Tgt Ion: 94 Resp: 329
Ion Ratio Lower Upper
94 100
96 96.7 78.0 117.0



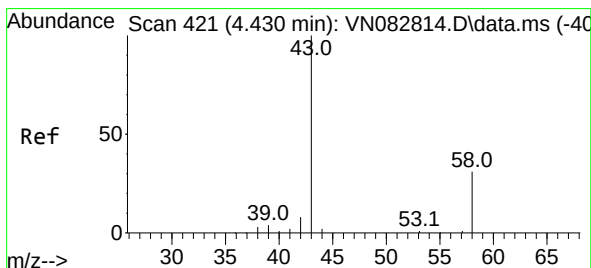
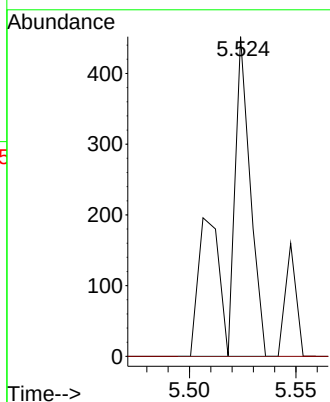
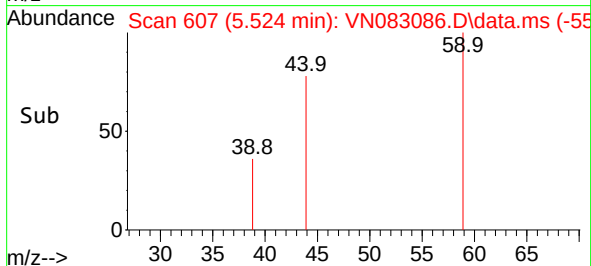


#11
Tert butyl alcohol
Concen: 1.011 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Instrument :
MSVOA_N
ClientSampleId :

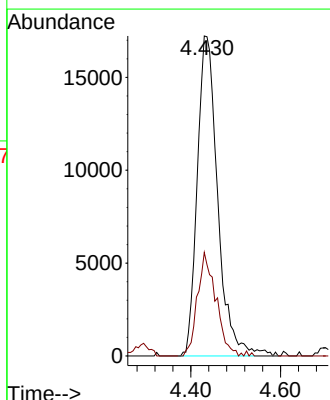
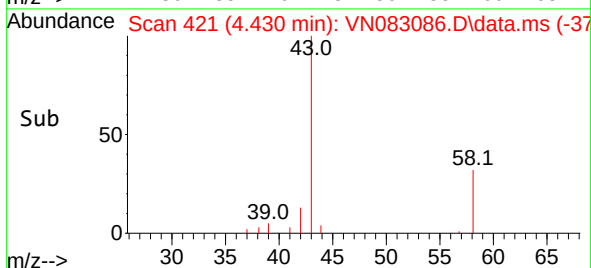
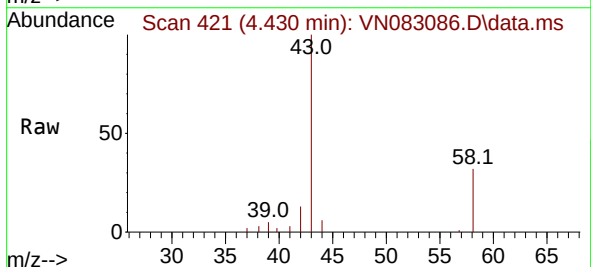


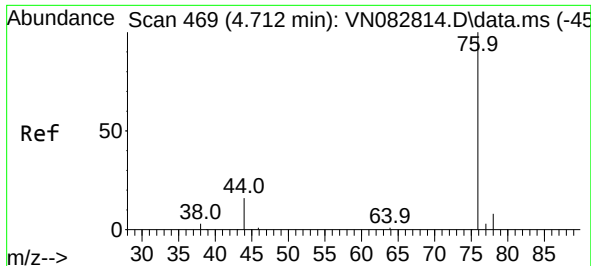
Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 74.155 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

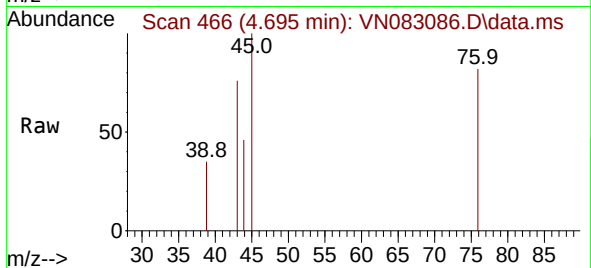
Tgt Ion: 43 Resp: 54664
Ion Ratio Lower Upper
43 100
58 32.3 21.8 32.6



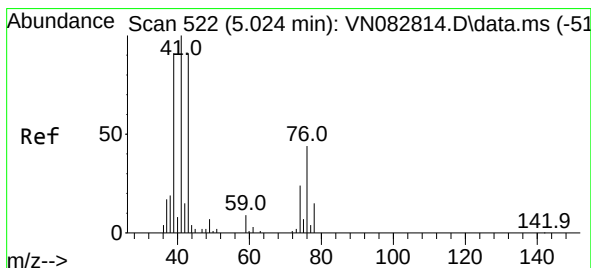
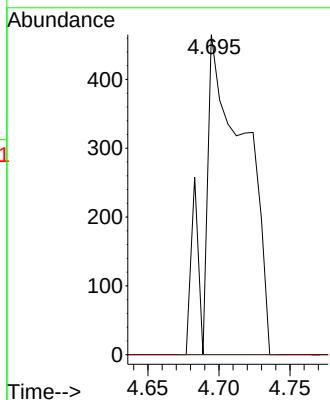
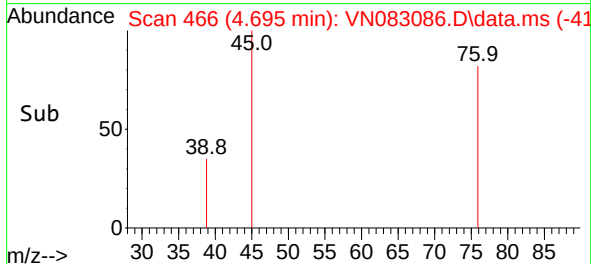


#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.017 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Instrument :
MSVOA_N
ClientSampleId :

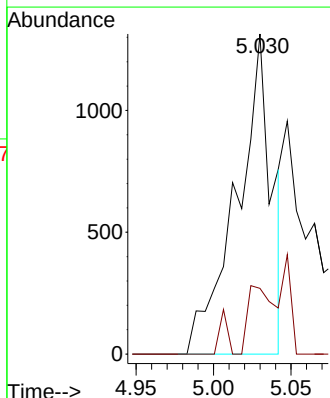
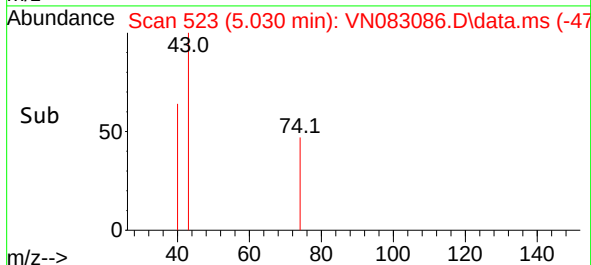
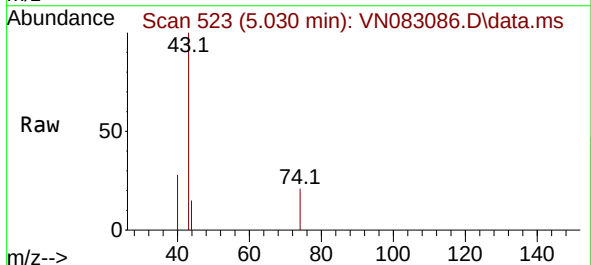


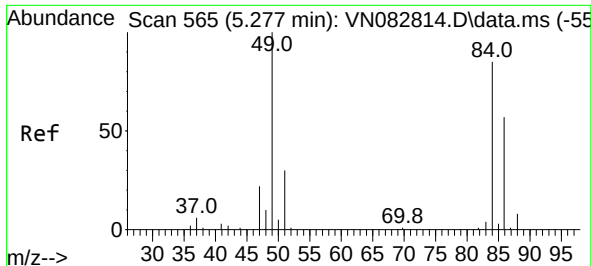
Tgt Ion: 76 Resp: 914
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.059 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

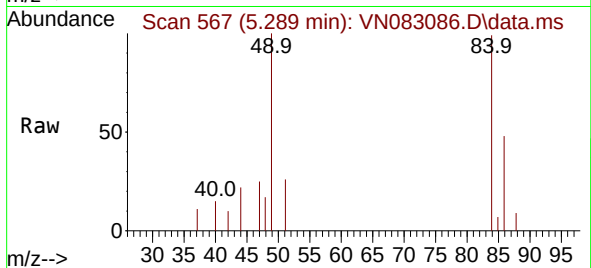
Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
74 23.3 16.3 24.5



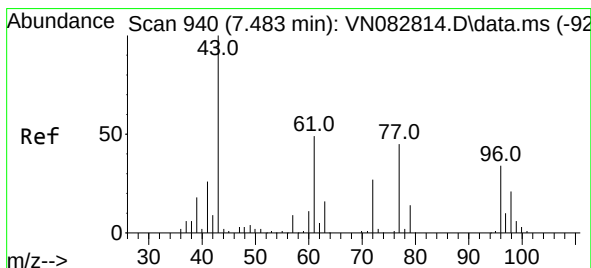
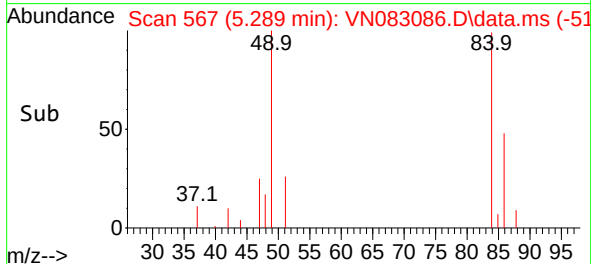
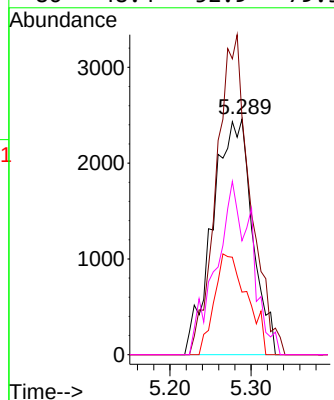


#20
Methylene Chloride
Concen: 4.669 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Instrument :
MSVOA_N
ClientSampleId :

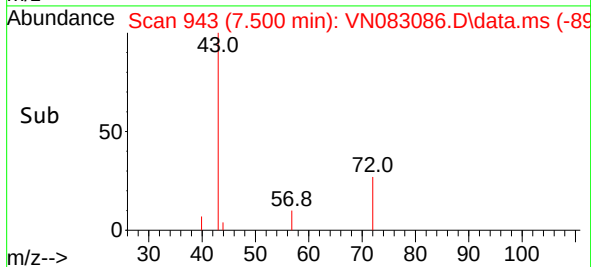
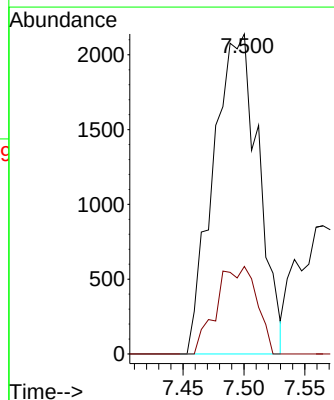
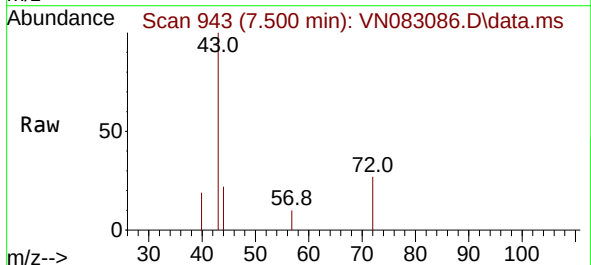


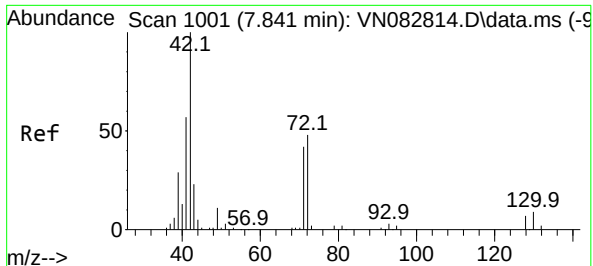
Tgt Ion:	84	Resp:	8312
Ion	Ratio	Lower	Upper
84	100		
49	101.2	119.6	179.4#
51	26.6	34.8	52.2#
86	48.4	52.9	79.3#



#25
2-Butanone
Concen: 4.966 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion:	43	Resp:	5527
Ion	Ratio	Lower	Upper
43	100		
72	27.3	18.2	27.2#





#29

Tetrahydrofuran

Concen: 0.512 ug/l

RT: 7.847 min Scan# 1066

Delta R.T. 0.006 min

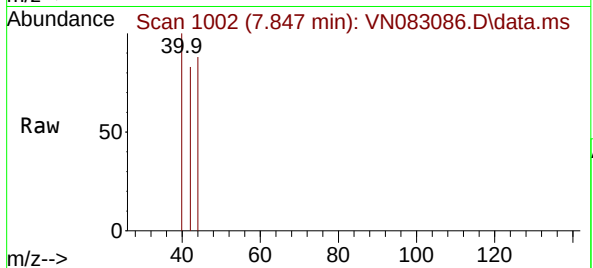
Lab File: VN083086.D

Acq: 30 Jul 2024 22:43

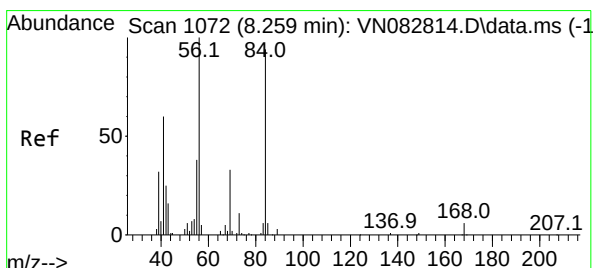
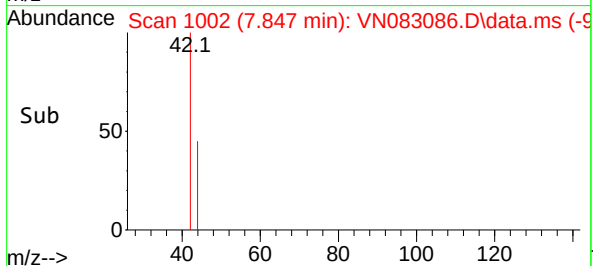
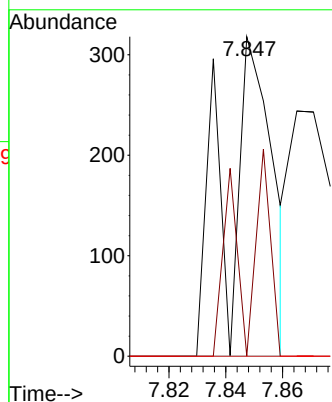
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	359
Ion Ratio	Lower	Upper	
42	100		
72	38.7	30.0	45.0
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.648 ug/l

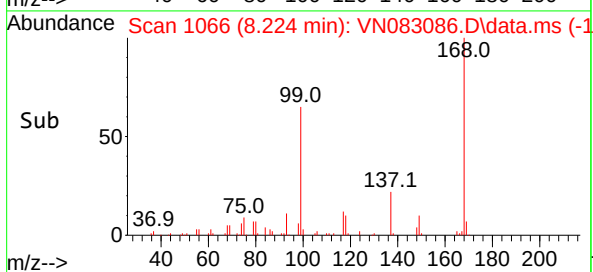
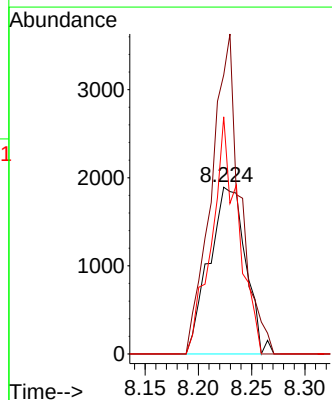
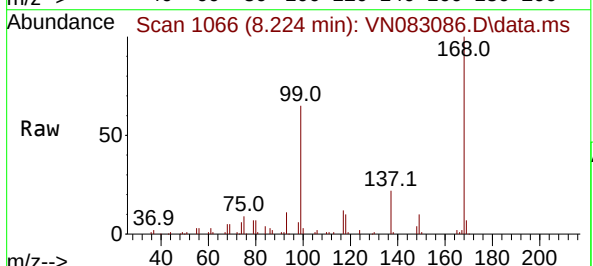
RT: 8.224 min Scan# 1066

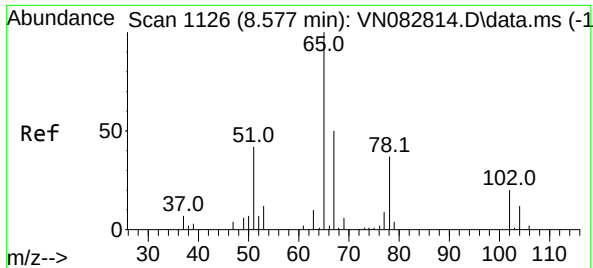
Delta R.T. -0.035 min

Lab File: VN083086.D

Acq: 30 Jul 2024 22:43

Tgt Ion:	56	Resp:	4510
Ion Ratio	Lower	Upper	
56	100		
69	167.3	24.5	36.7#
84	142.2	66.0	99.0#

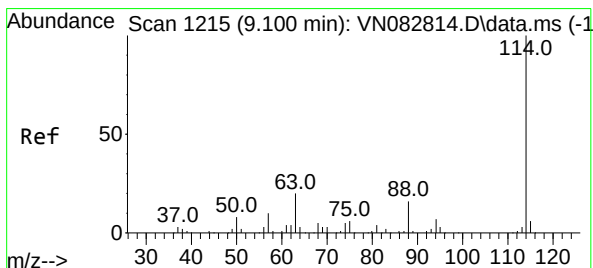
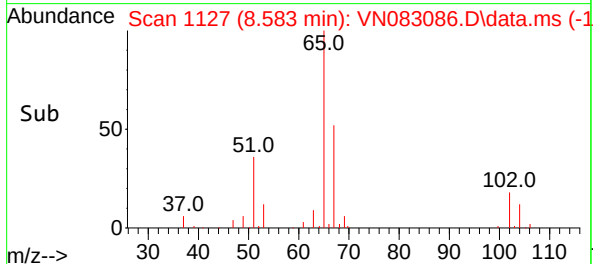
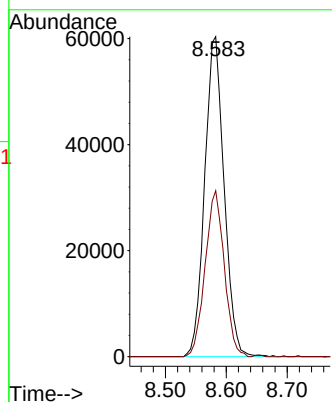
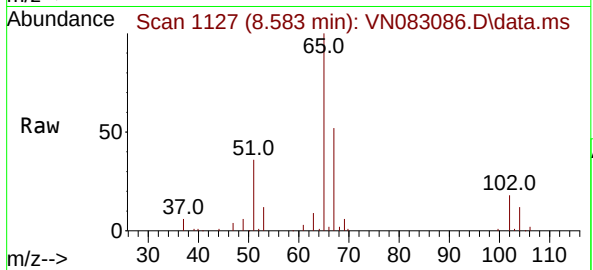




#33
1,2-Dichloroethane-d4
Concen: 63.924 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

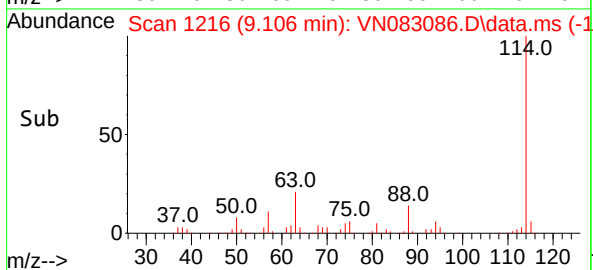
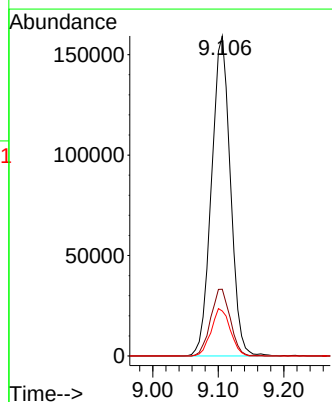
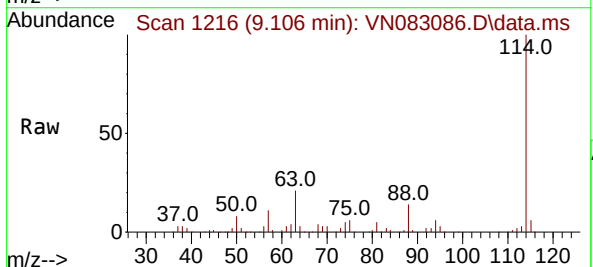
Instrument :
MSVOA_N
ClientSampleId :

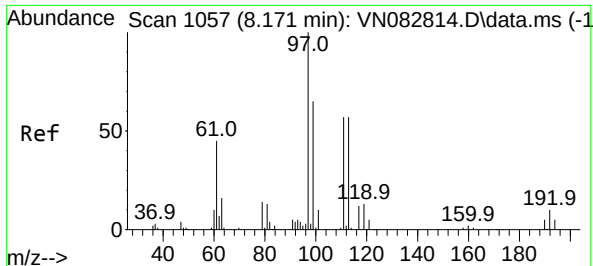
Tgt Ion: 65 Resp: 133842
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion: 114 Resp: 318354
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 14.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.608 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

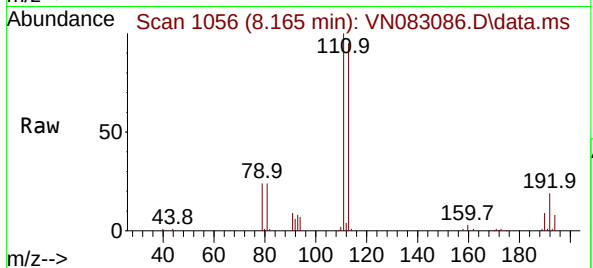
Lab File: VN083086.D

Acq: 30 Jul 2024 22:43

Instrument :

MSVOA_N

ClientSampleId :



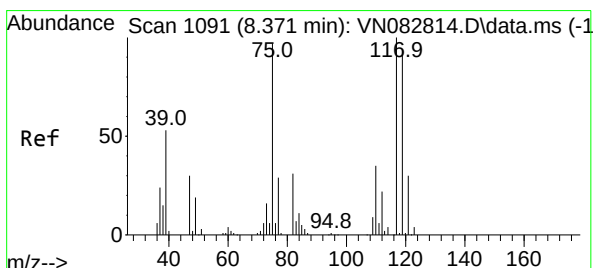
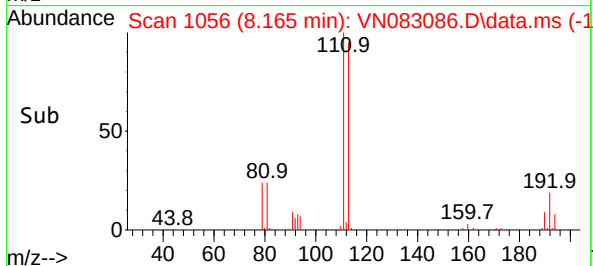
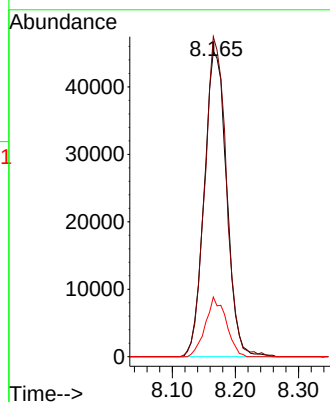
Tgt Ion:113 Resp: 111554

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 18.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.421 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083086.D

Acq: 30 Jul 2024 22:43

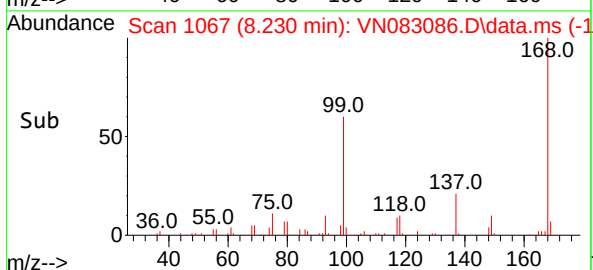
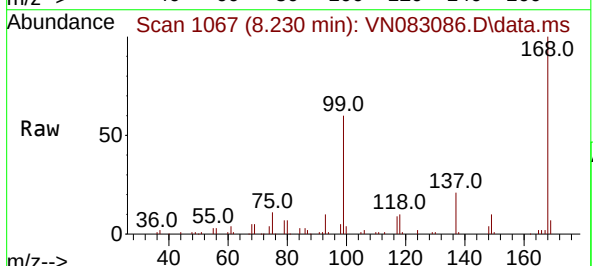
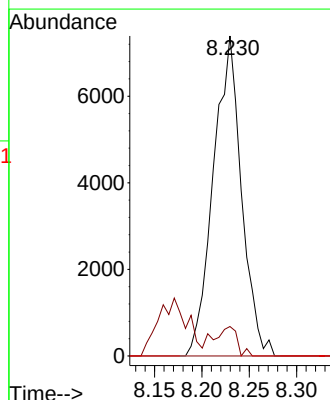
Tgt Ion: 75 Resp: 15267

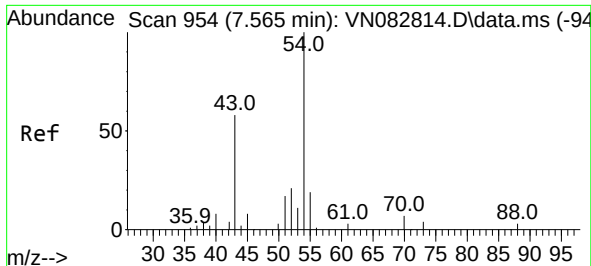
Ion Ratio Lower Upper

75 100

110 7.7 16.3 48.9#

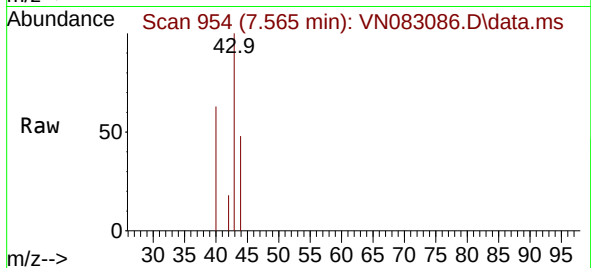
77 0.0 24.6 37.0#



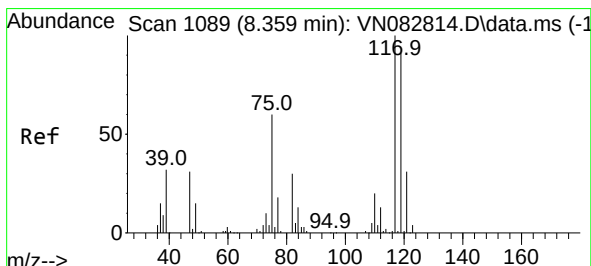
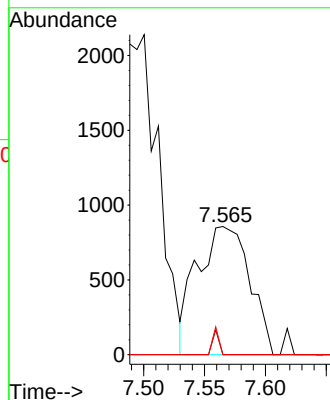
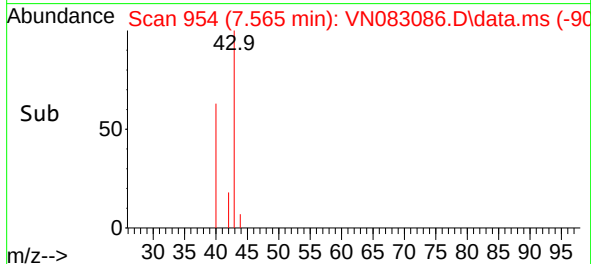


#37
Ethyl Acetate
Concen: 0.900 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Instrument :
MSVOA_N
ClientSampleId :

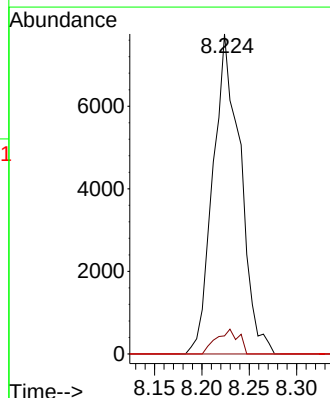
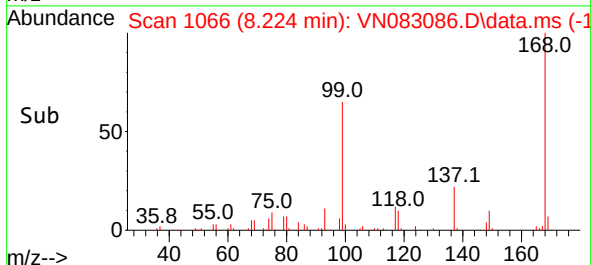
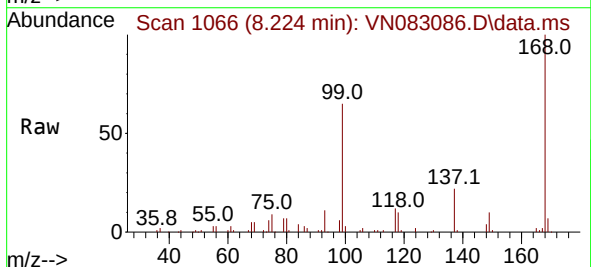


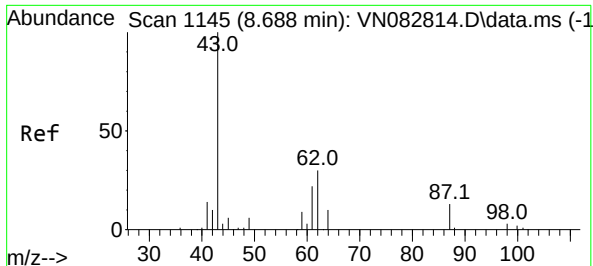
Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
61 2.2 9.3 13.9#
70 2.6 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 4.598 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion: 117 Resp: 15593
Ion Ratio Lower Upper
117 100
119 5.7 74.9 112.3#
121 0.0 24.3 36.5#

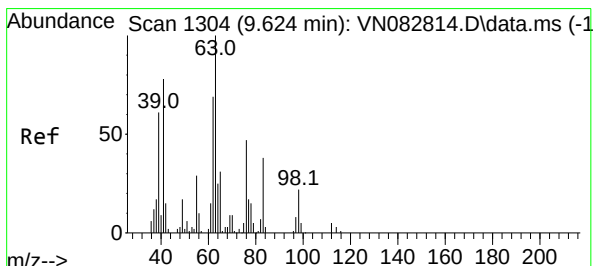
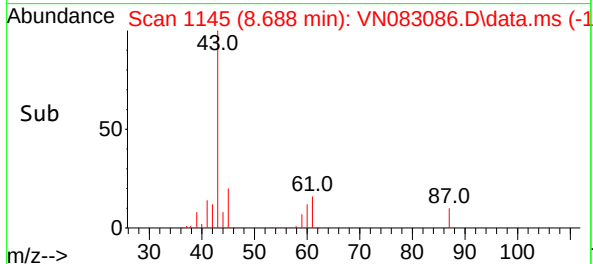
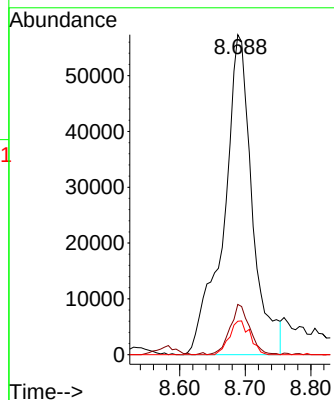
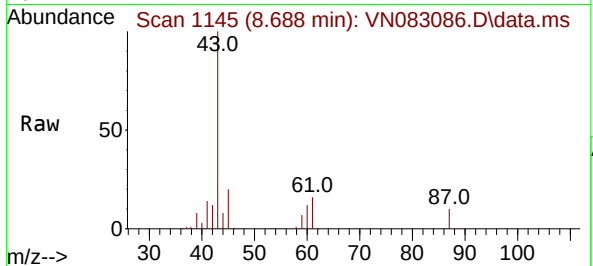




#43
Isopropyl Acetate
Concen: 30.885 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

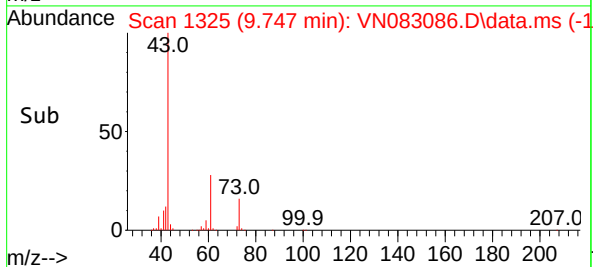
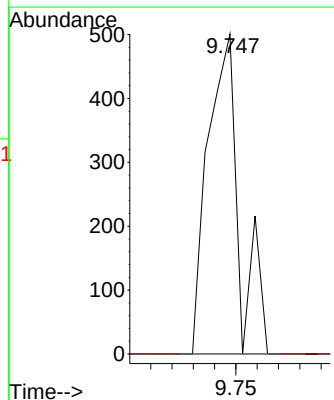
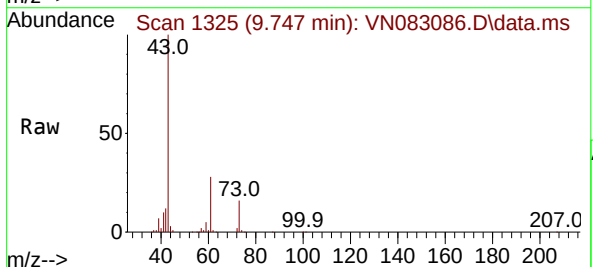
Instrument :
MSVOA_N
ClientSampleId :

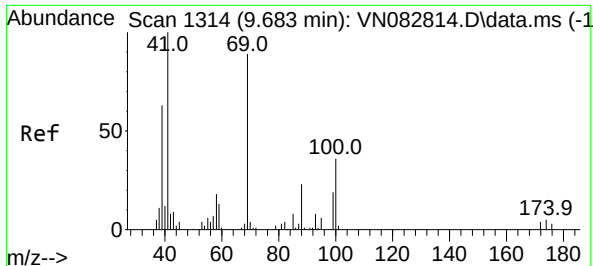
Tgt Ion: 43 Resp: 173122
Ion Ratio Lower Upper
43 100
61 10.9 17.8 26.6#
87 7.6 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.252 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion: 63 Resp: 510
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 1.516 ug/l

RT: 9.671 min Scan# 1

Delta R.T. -0.011 min

Lab File: VN083086.D

Acq: 30 Jul 2024 22:43

Instrument :

MSVOA_N

ClientSampleId :

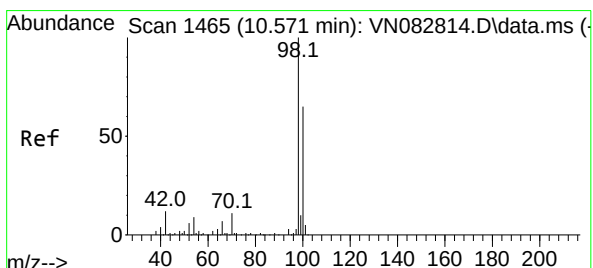
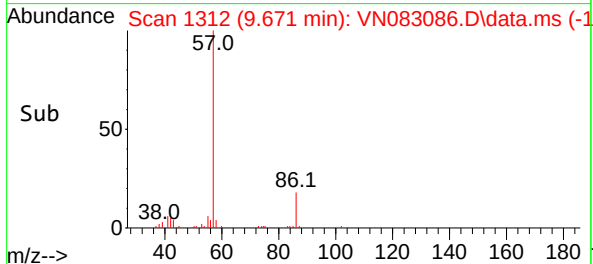
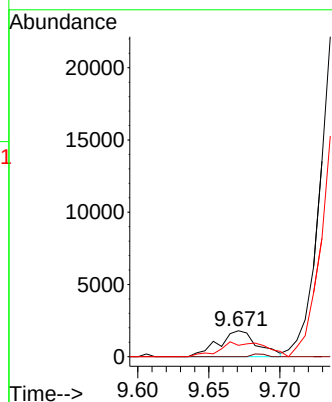
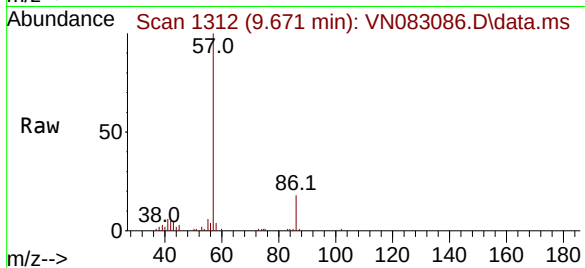
Tgt Ion: 41 Resp: 3408

Ion Ratio Lower Upper

41 100

69 3.7 56.3 84.5#

39 66.6 50.3 75.5



#50

Toluene-d8

Concen: 53.821 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083086.D

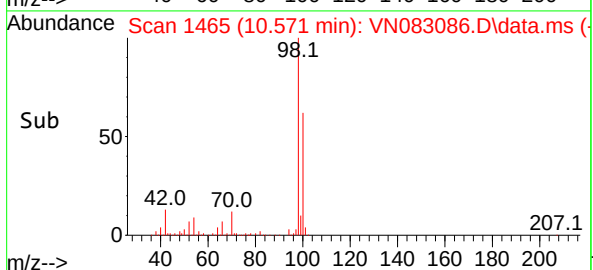
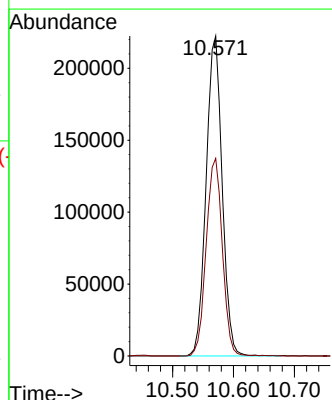
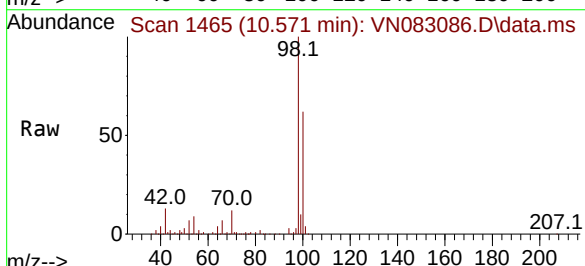
Acq: 30 Jul 2024 22:43

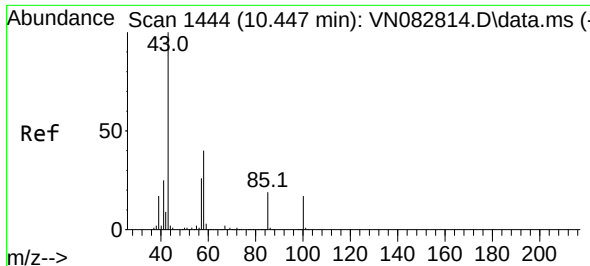
Tgt Ion: 98 Resp: 406084

Ion Ratio Lower Upper

98 100

100 62.4 51.5 77.3

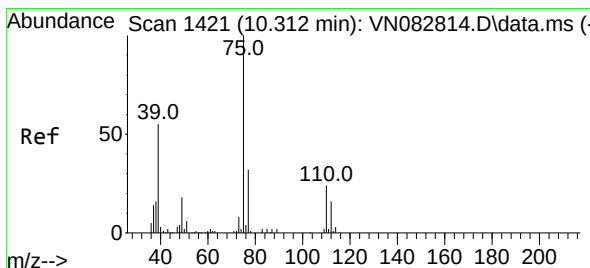
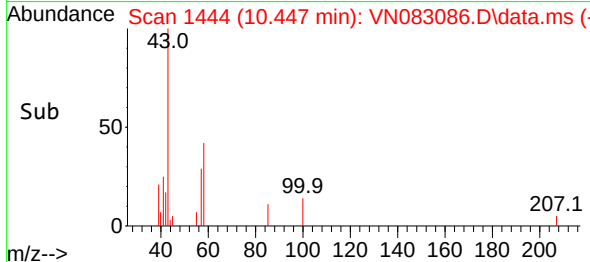
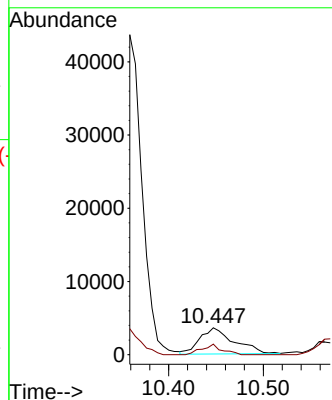
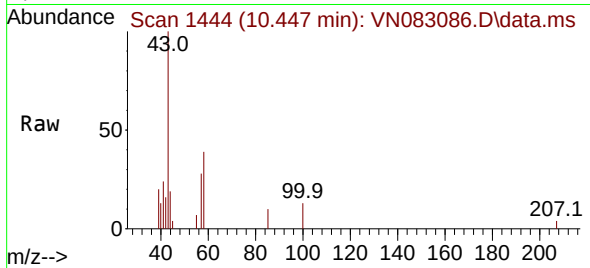




#51
4-Methyl-2-Pentanone
Concen: 3.151 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

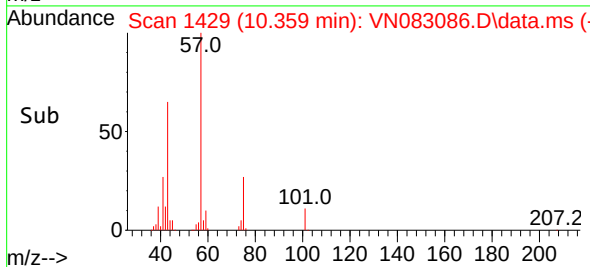
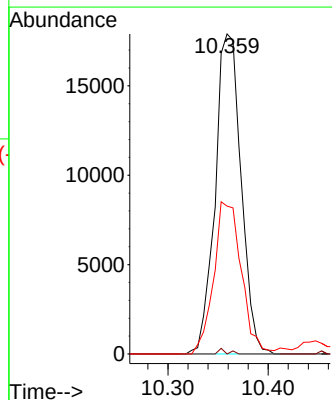
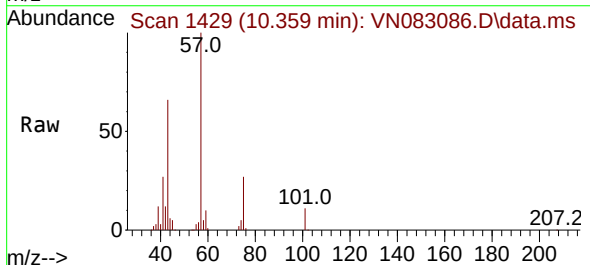
Instrument :
MSVOA_N
ClientSampleId :

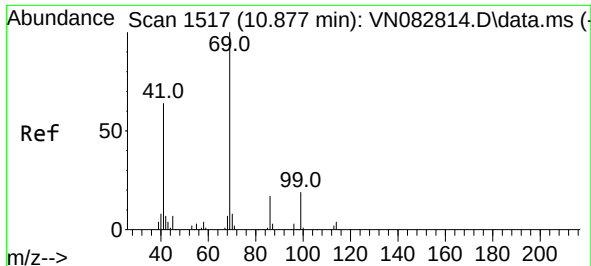
Tgt Ion: 43 Resp: 8957
Ion Ratio Lower Upper
43 100
58 23.6 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 9.027 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

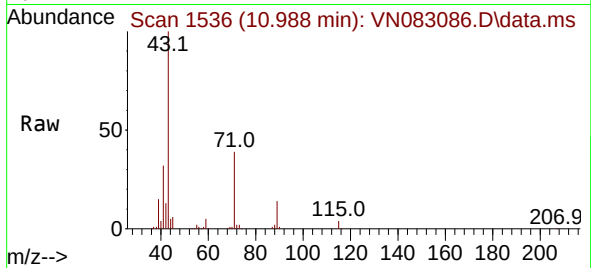
Tgt Ion: 75 Resp: 32048
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 46.2 50.5 75.7#



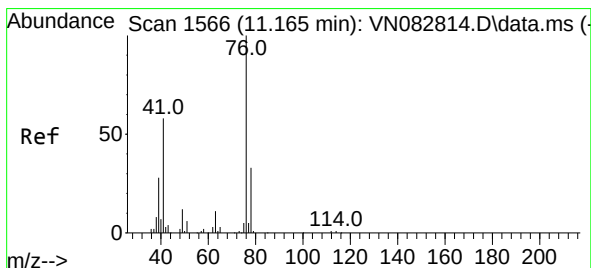
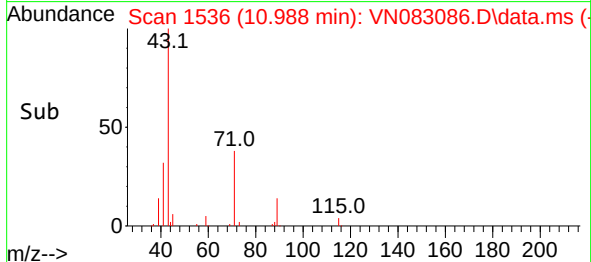
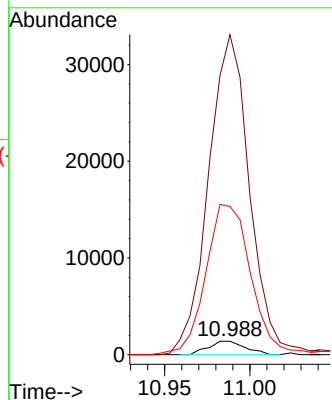


#56
Ethyl methacrylate
Concen: 0.675 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Instrument :
MSVOA_N
ClientSampleId :

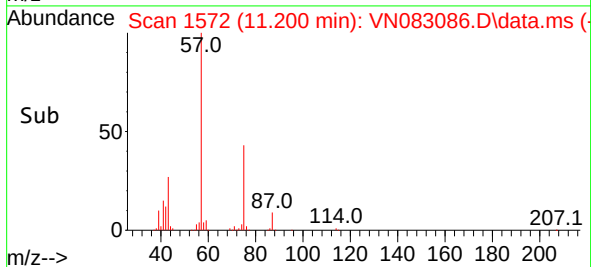
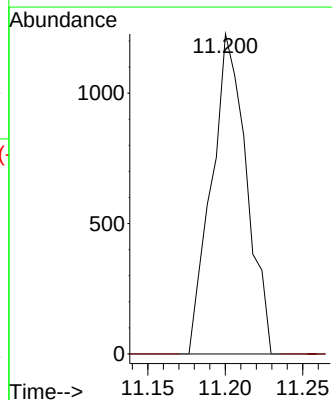
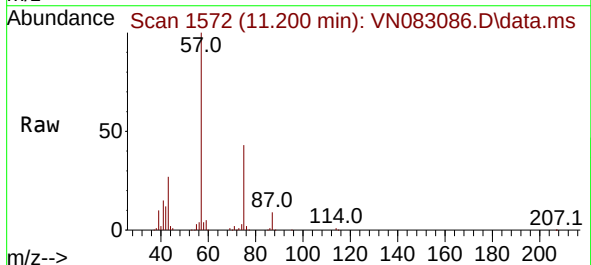


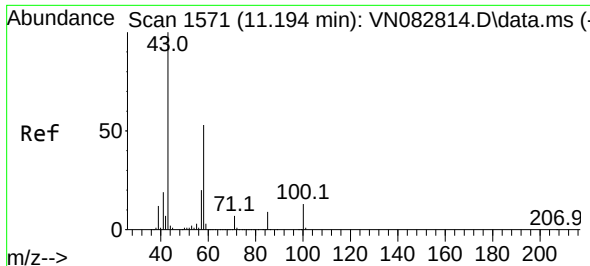
Tgt Ion: 69 Resp: 2091
Ion Ratio Lower Upper
69 100
41 2664.5 63.4 95.2#
39 1363.2 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 0.546 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion: 76 Resp: 1924
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

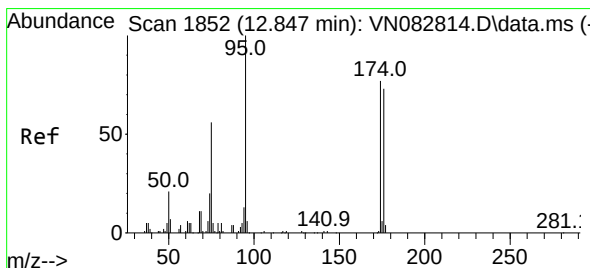
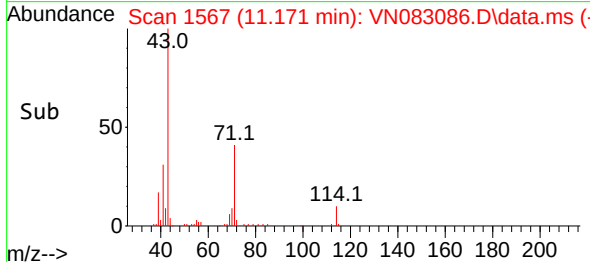
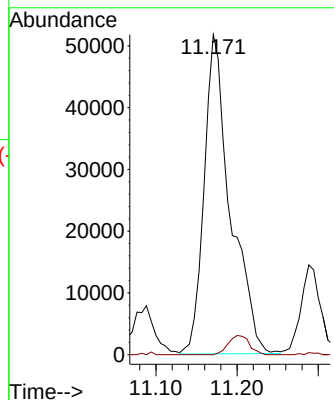
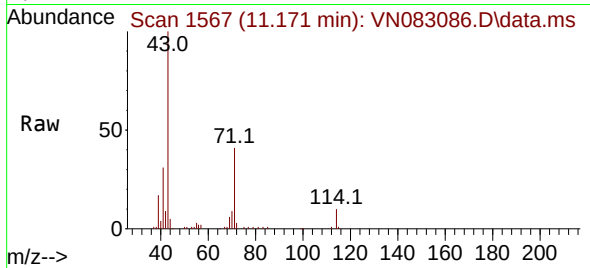




#59
2-Hexanone
Concen: 55.060 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

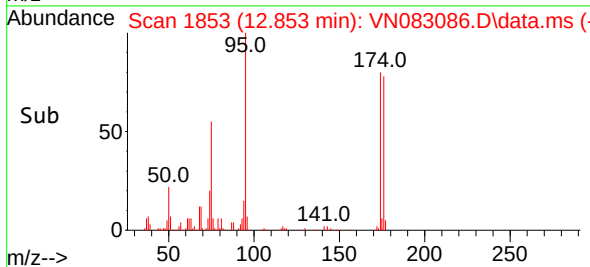
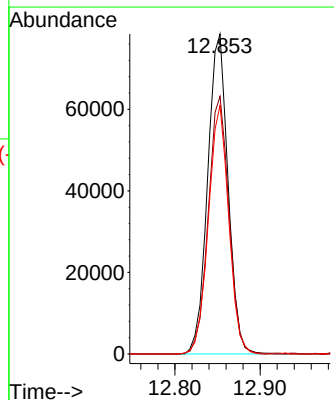
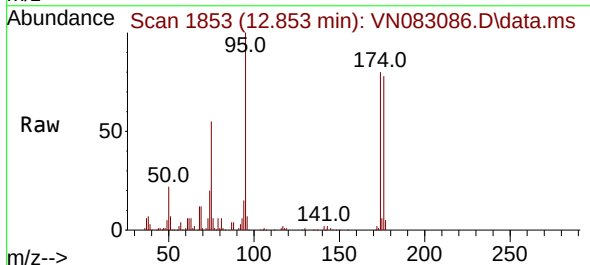
Instrument :
MSVOA_N
ClientSampleId :

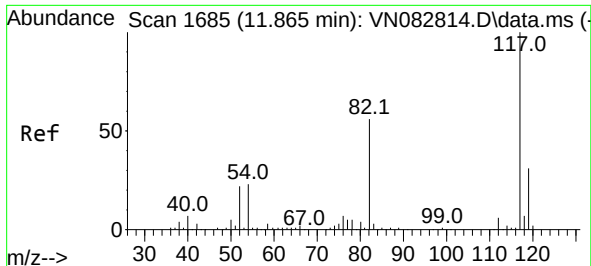
Tgt Ion: 43 Resp: 116370
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 48.003 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion: 95 Resp: 130099
Ion Ratio Lower Upper
95 100
174 81.8 0.0 159.2
176 77.4 0.0 147.6

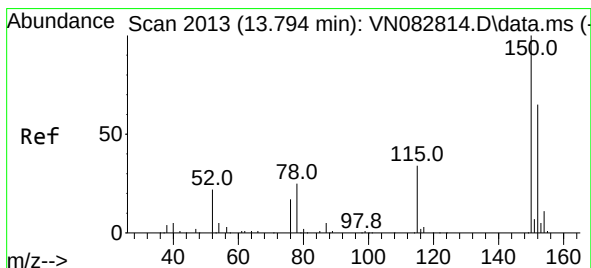
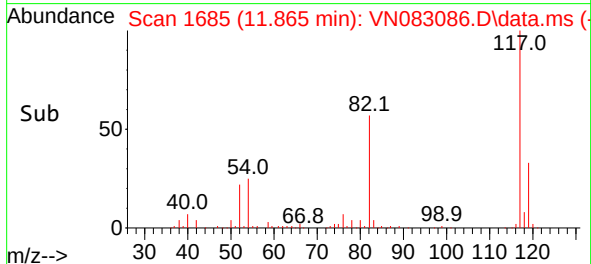
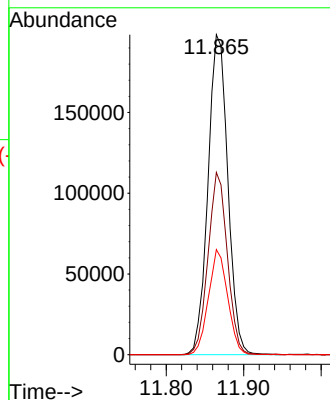
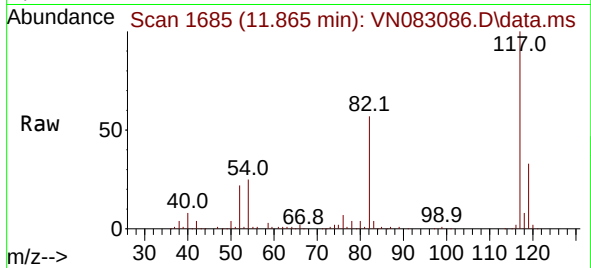




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

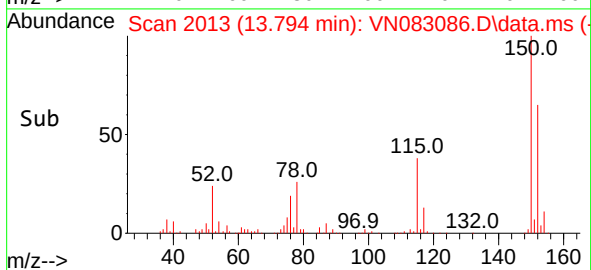
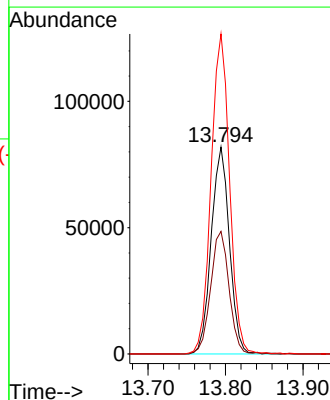
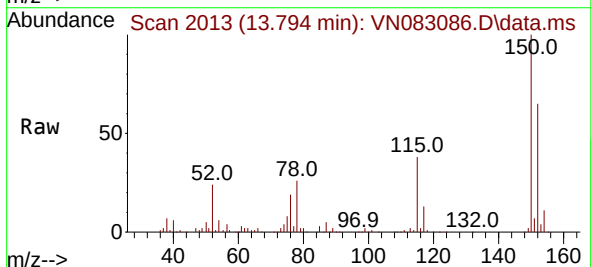
Instrument :
MSVOA_N
ClientSampleId :

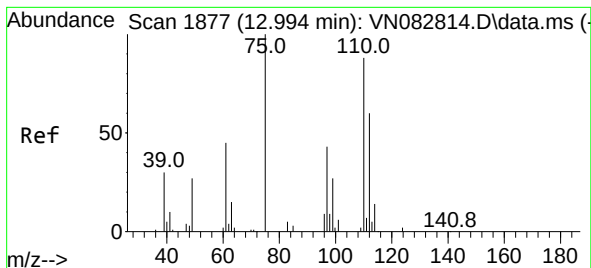
Tgt Ion:117 Resp: 352118
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion:152 Resp: 133674
Ion Ratio Lower Upper
152 100
115 60.0 30.6 91.6
150 157.0 0.0 348.6

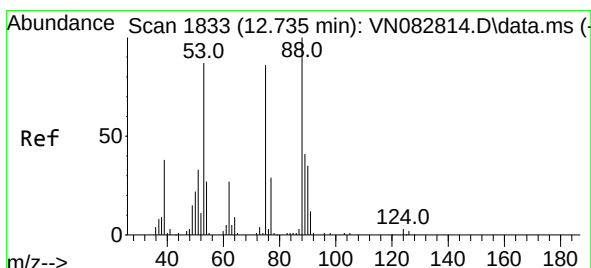
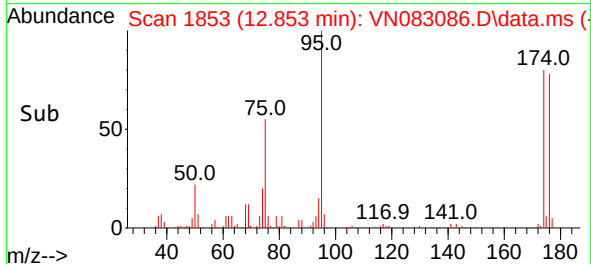
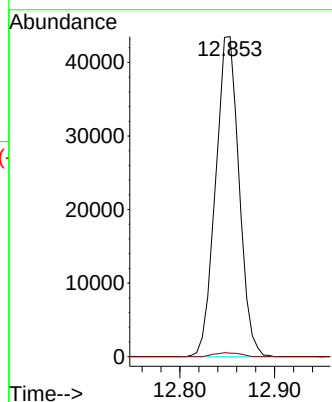
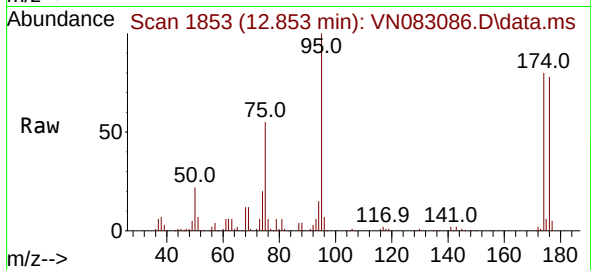




#76
1,2,3-Trichloropropane
Concen: 32.549 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 75013
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.014 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083086.D
Acq: 30 Jul 2024 22:43

Tgt Ion: 75 Resp: 75013
Ion Ratio Lower Upper
75 100
53 0.4 88.4 132.6#
89 0.0 36.3 54.5#

