

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083082.D
 Acq On : 30 Jul 2024 21:06
 Operator : JC\MD
 Sample : PB162353ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:09:47 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)

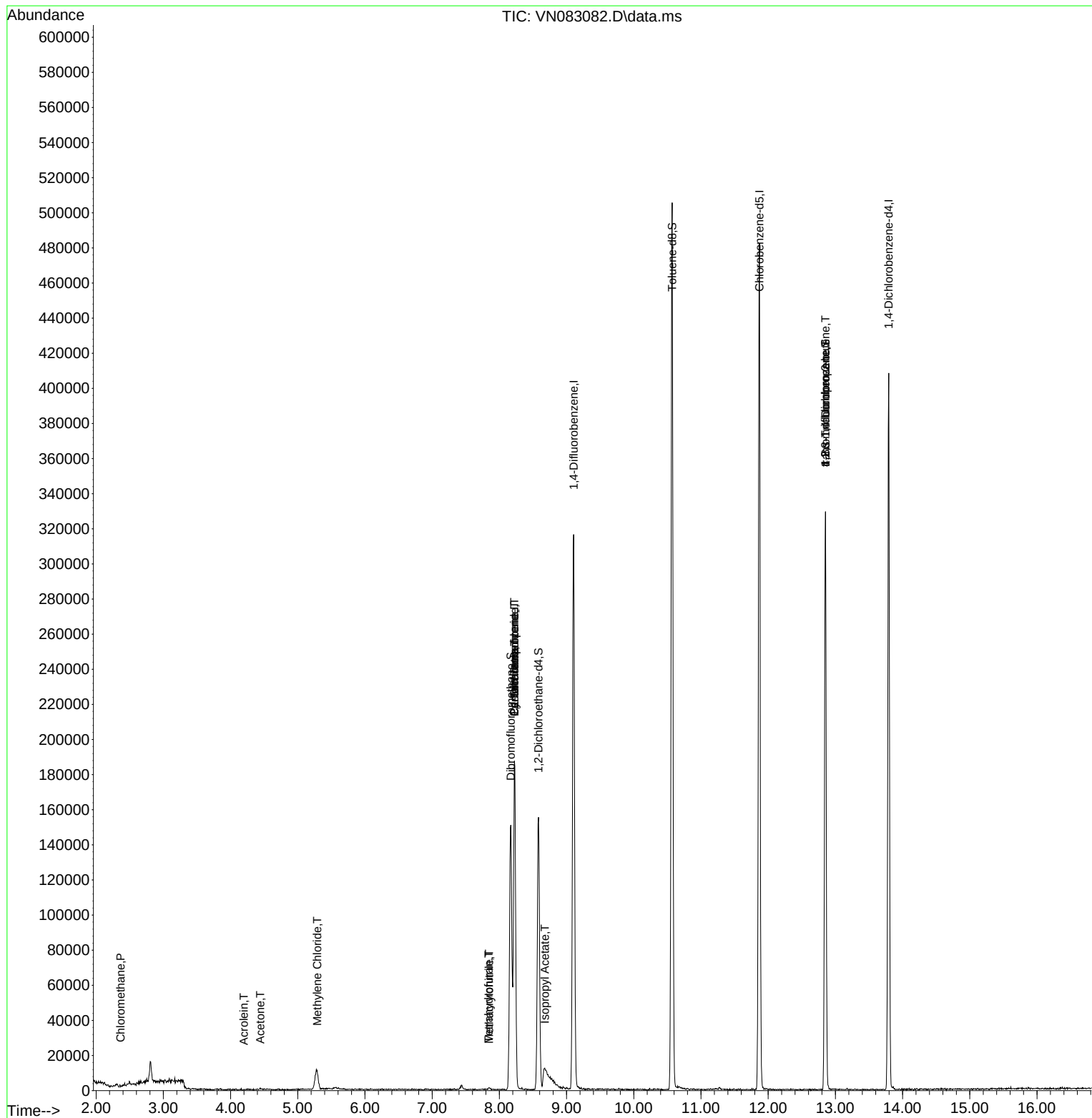
Internal Standards						
1) Pentafluorobenzene	8.224	168	127573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	259134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	270550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131141	73.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 146.660%#	
35) Dibromofluoromethane	8.171	113	106184	63.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 127.720%#	
50) Toluene-d8	10.571	98	345183	56.205	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.400%	
62) 4-Bromofluorobenzene	12.853	95	100131	45.389	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	426	0.272	ug/l #	43
13) Acrolein	4.200	56	63	0.290	ug/l #	14
16) Acetone	4.442	43	1175	1.866	ug/l	92
20) Methylene Chloride	5.289	84	8354	5.494	ug/l #	70
29) Tetrahydrofuran	7.841	42	541	0.904	ug/l #	58
31) Cyclohexane	8.224	56	3863	1.652	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	11660	5.086	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14579	5.282	ug/l #	17
41) Methacrylonitrile	7.847	41	302	0.240	ug/l #	47
43) Isopropyl Acetate	8.677	43	16841	0.914	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	60025	33.553	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60025	65.989	ug/l #	6

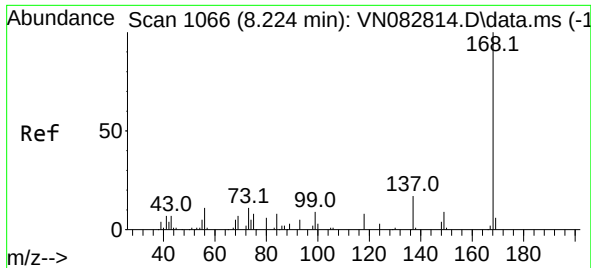
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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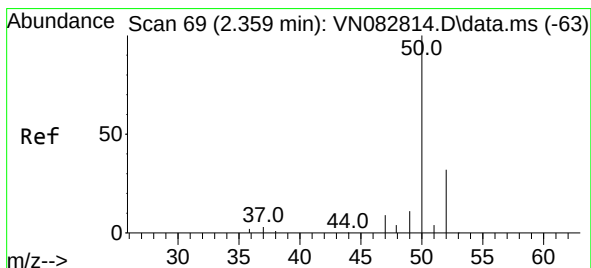
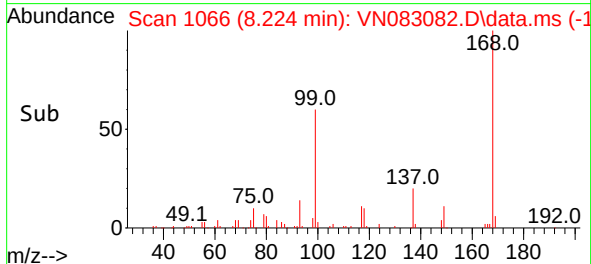
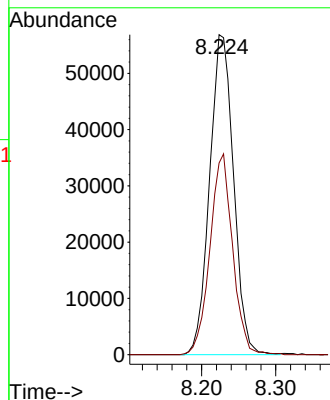
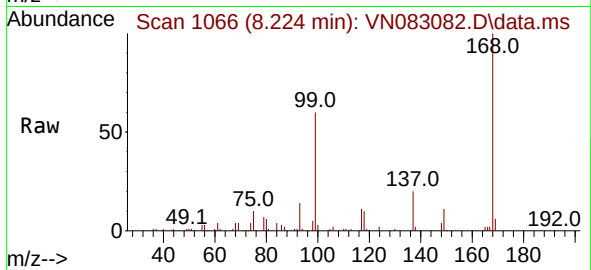




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

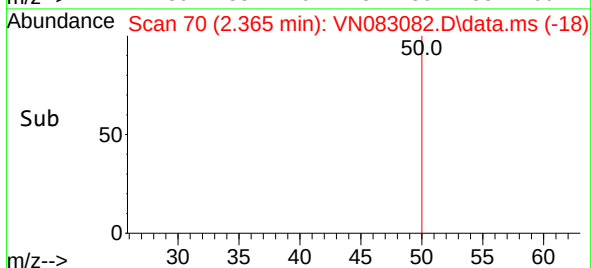
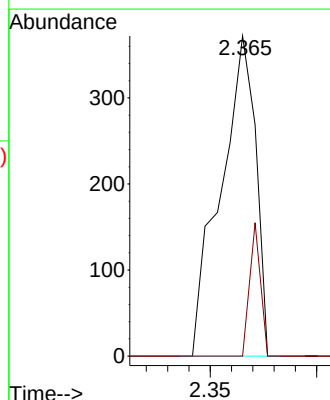
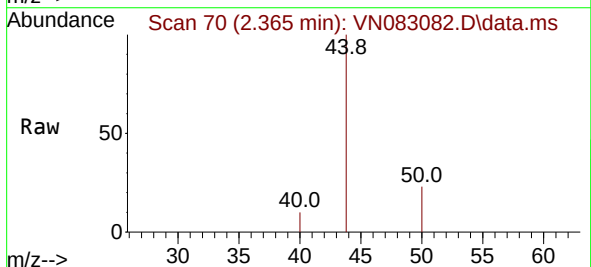
Instrument :
MSVOA_N
ClientSampleId :

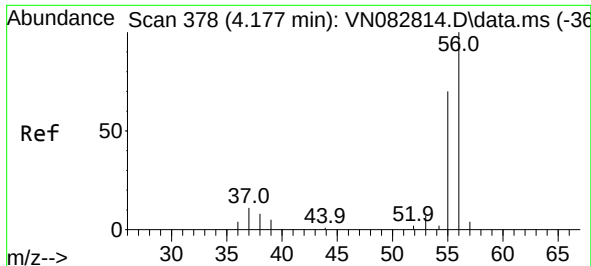
Tgt Ion:168 Resp: 127573
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#3
Chloromethane
Concen: 0.272 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

Tgt Ion: 50 Resp: 426
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#13

Acrolein

Concen: 0.290 ug/l

RT: 4.200 min Scan# 31

Delta R.T. 0.023 min

Lab File: VN083082.D

Acq: 30 Jul 2024 21:06

Instrument :

MSVOA_N

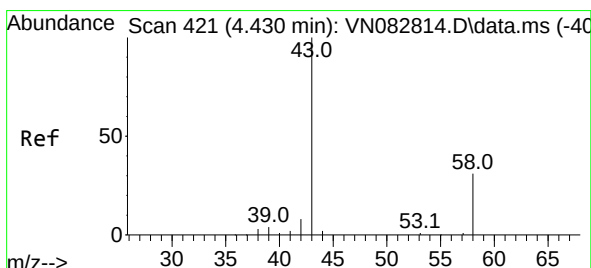
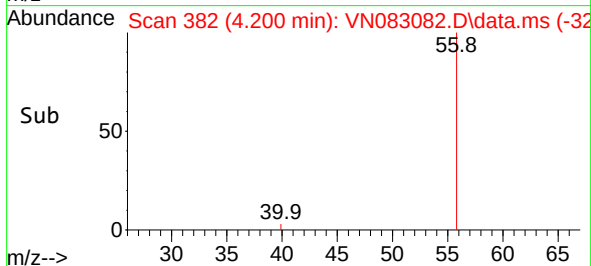
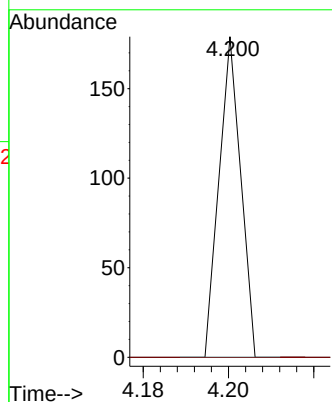
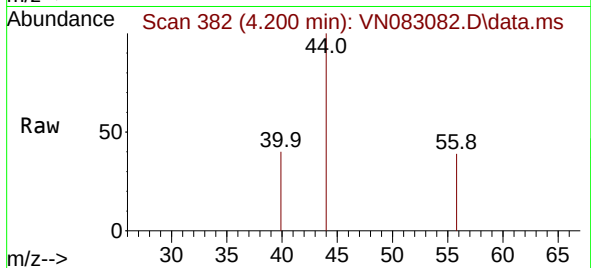
ClientSampleId :

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: 1.866 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN083082.D

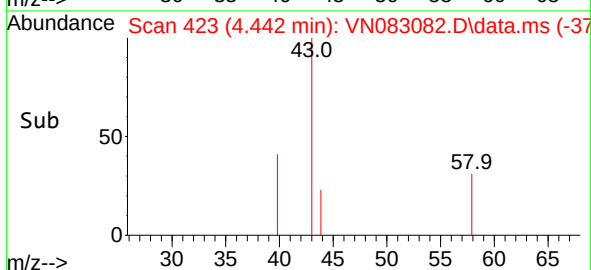
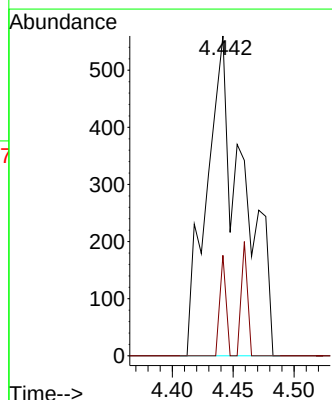
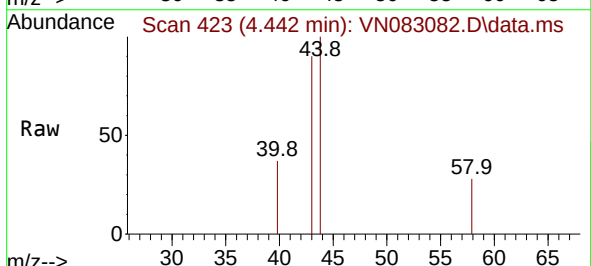
Acq: 30 Jul 2024 21:06

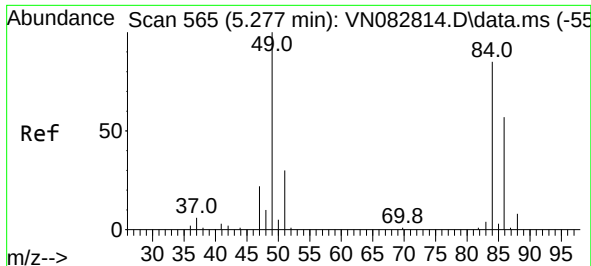
Tgt Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

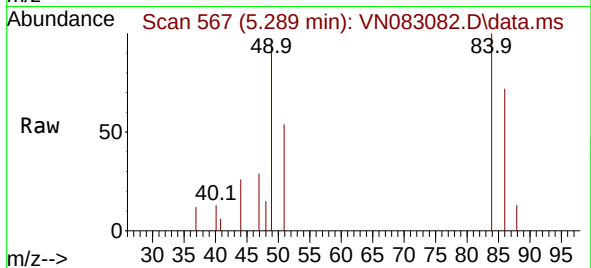
58 31.4 21.8 32.6



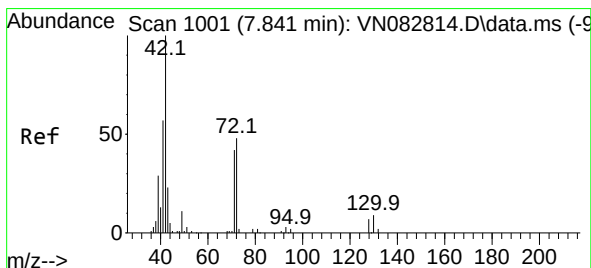
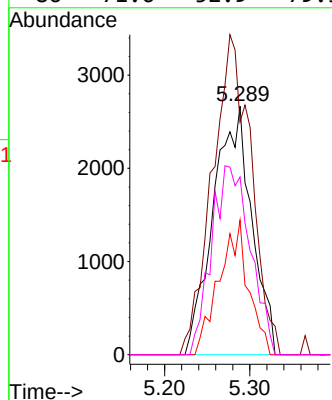


#20
Methylene Chloride
Concen: 5.494 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :

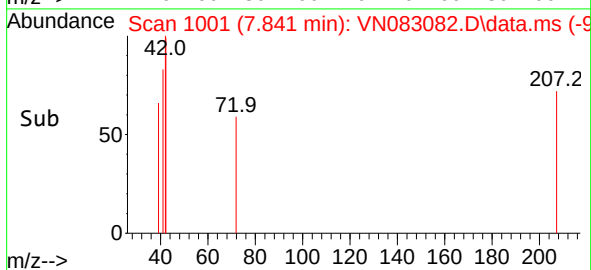
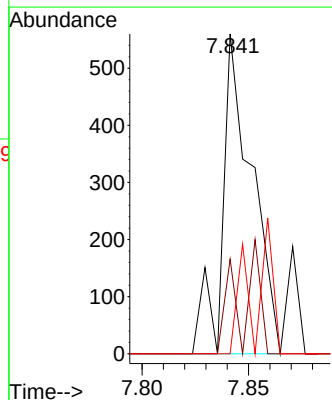
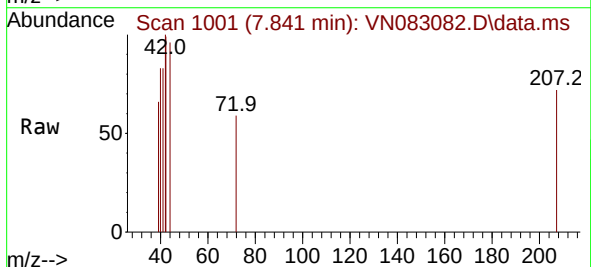


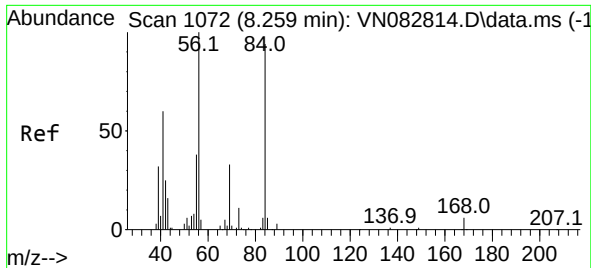
Tgt Ion:	84	Resp:	8354
Ion	Ratio	Lower	Upper
84	100		
49	93.7	119.6	179.4#
51	54.1	34.8	52.2#
86	71.6	52.9	79.3



#29
Tetrahydrofuran
Concen: 0.904 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

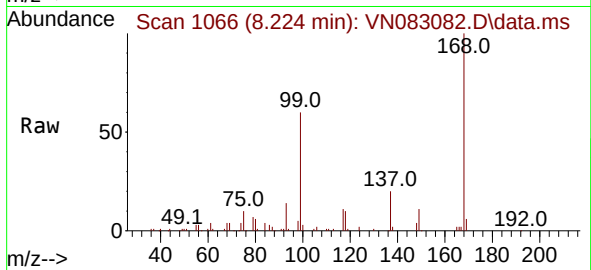
Tgt Ion:	42	Resp:	541
Ion	Ratio	Lower	Upper
42	100		
72	10.9	30.0	45.0#
71	12.6	28.3	42.5#



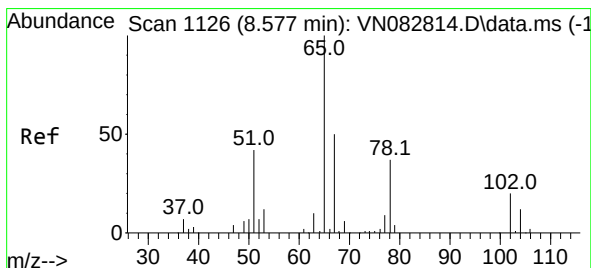
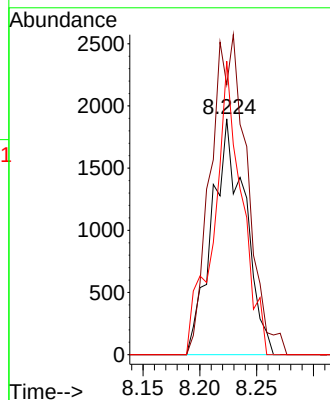
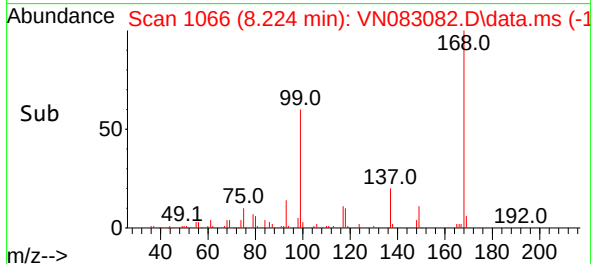


#31
Cyclohexane
Concen: 1.652 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :

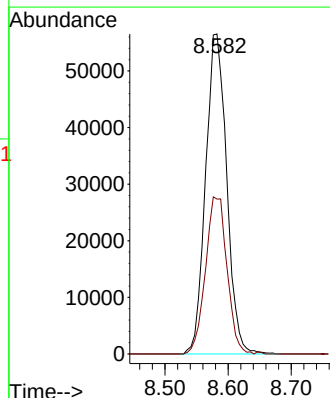
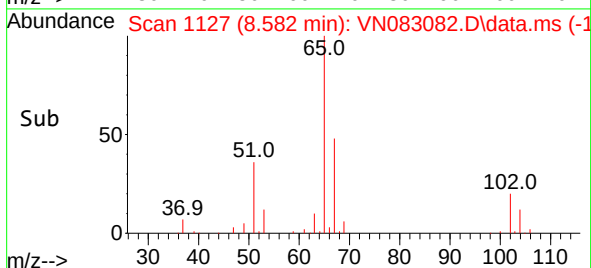
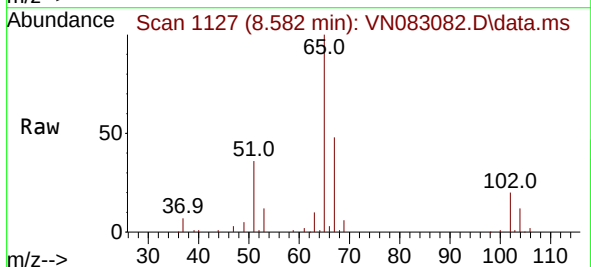


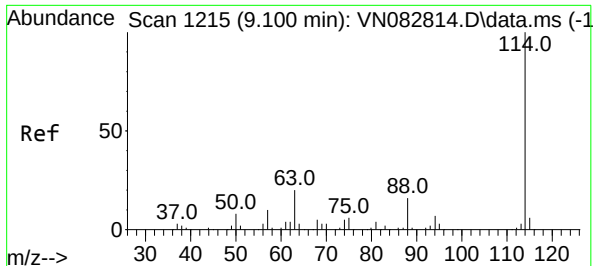
Tgt Ion: 56 Resp: 3863
Ion Ratio Lower Upper
56 100
69 114.4 24.5 36.7#
84 124.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 73.332 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

Tgt Ion: 65 Resp: 131141
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083082.D

Acq: 30 Jul 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

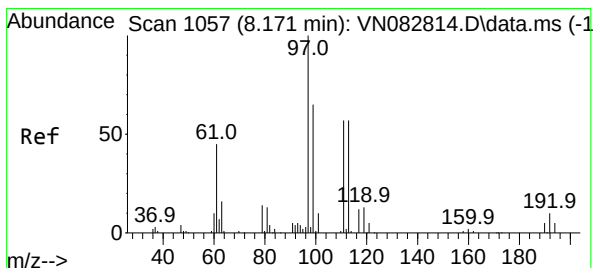
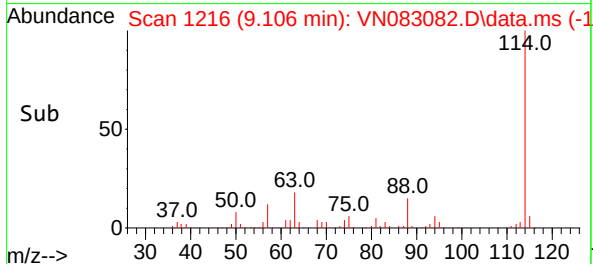
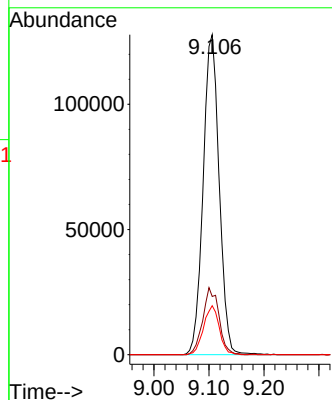
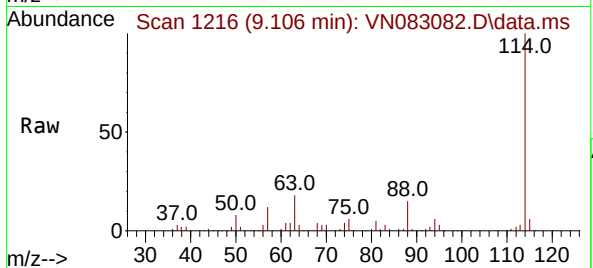
Tgt Ion:114 Resp: 259134

Ion Ratio Lower Upper

114 100

63 18.2 0.0 44.6

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 63.859 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083082.D

Acq: 30 Jul 2024 21:06

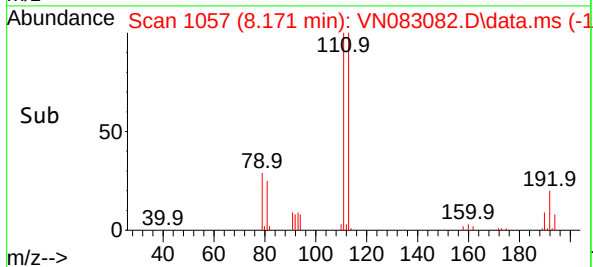
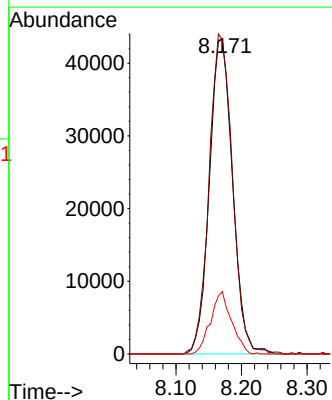
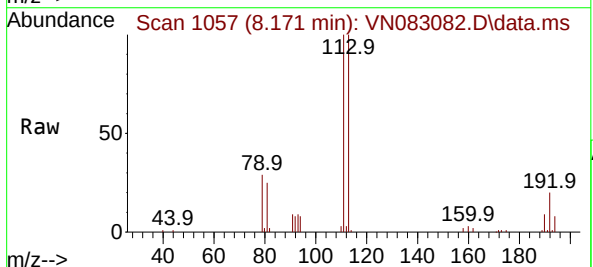
Tgt Ion:113 Resp: 106184

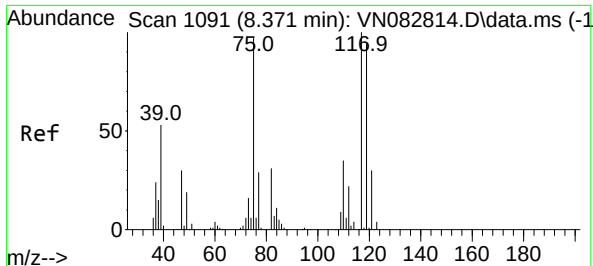
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 18.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

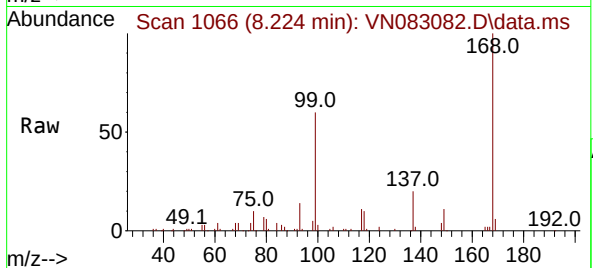
Lab File: VN083082.D

Acq: 30 Jul 2024 21:06

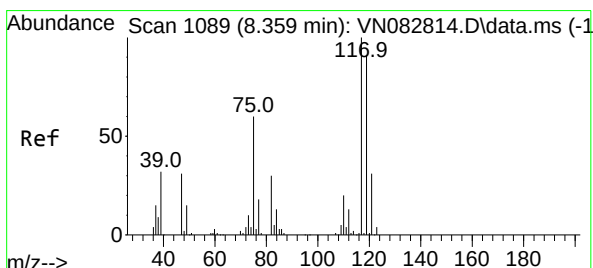
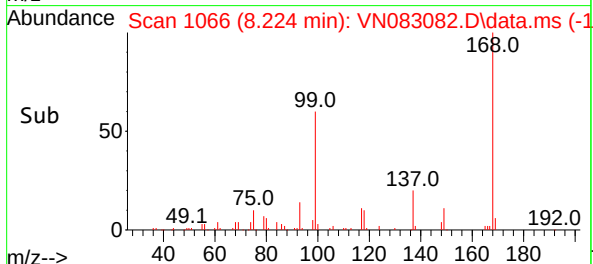
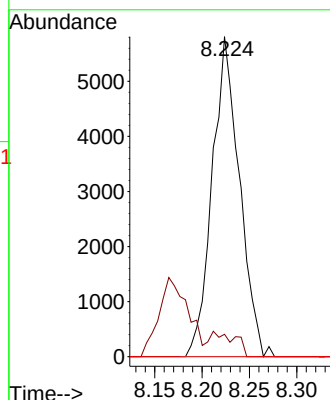
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	11660
Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.282 ug/l

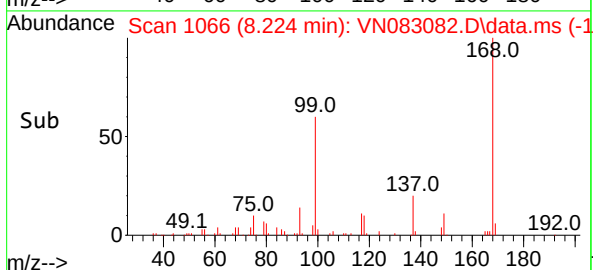
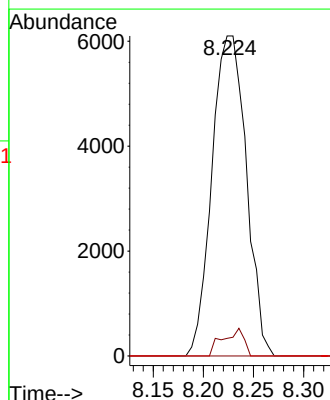
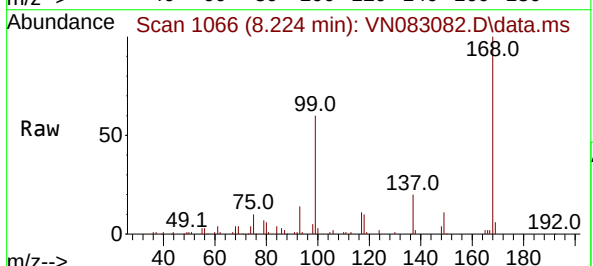
RT: 8.224 min Scan# 1066

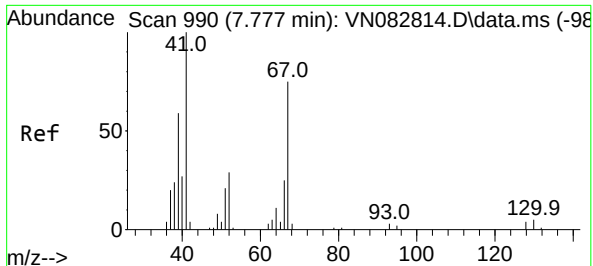
Delta R.T. -0.141 min

Lab File: VN083082.D

Acq: 30 Jul 2024 21:06

Tgt Ion:	117	Resp:	14579
Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.9	112.3#
121	0.0	24.3	36.5#

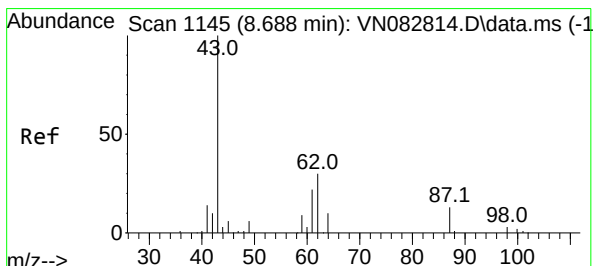
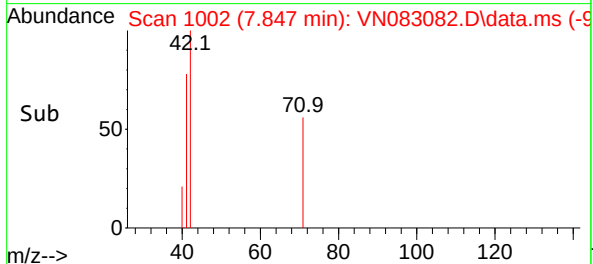
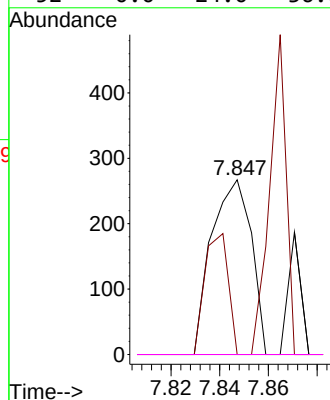
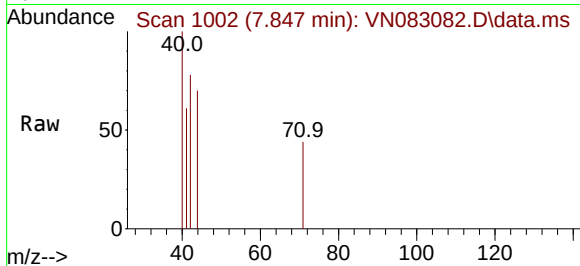




#41
Methacrylonitrile
Concen: 0.240 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.065 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

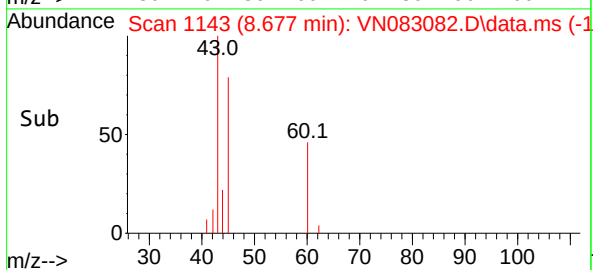
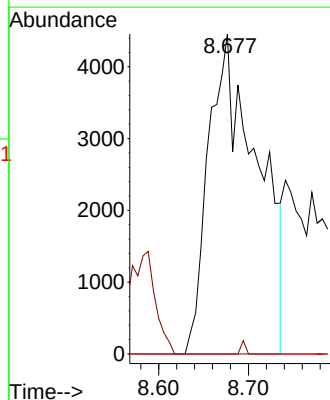
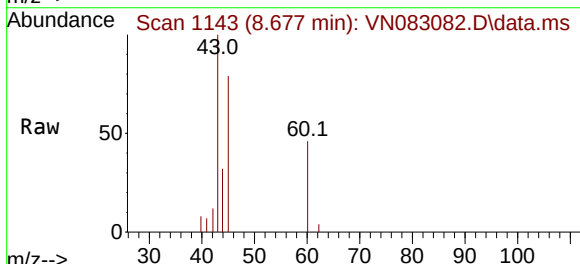
Instrument :
MSVOA_N
ClientSampleId :

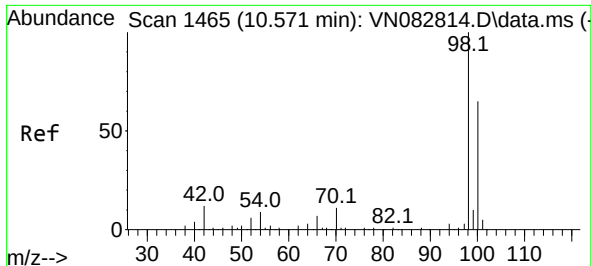
Tgt Ion: 41	Resp: 302
Ion Ratio	Lower Upper
41 100	
39 41.1	45.5 68.3#
67 0.0	50.5 75.7#
52 0.0	24.0 36.0#



#43
Isopropyl Acetate
Concen: 0.914 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

Tgt Ion: 43	Resp: 16841
Ion Ratio	Lower Upper
43 100	
61 0.0	17.8 26.6#
87 0.0	8.2 12.2#

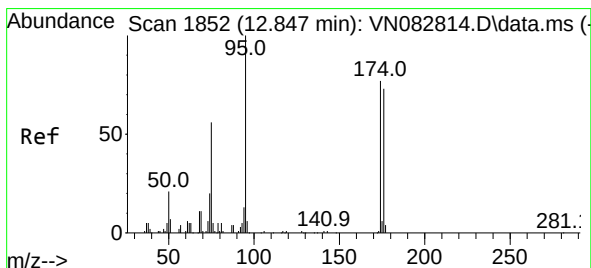
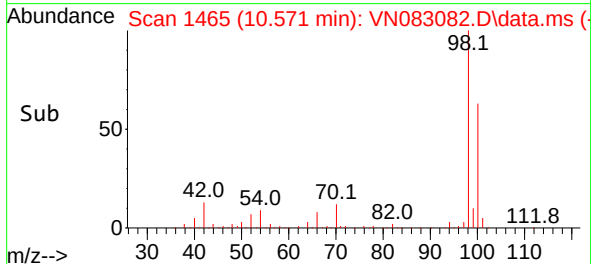
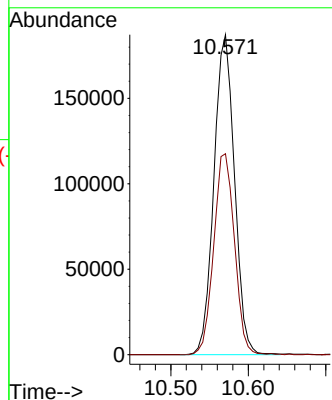
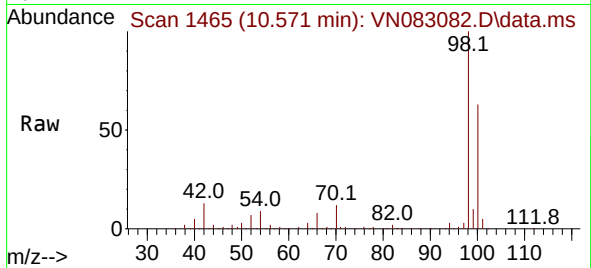




#50
Toluene-d8
Concen: 56.205 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

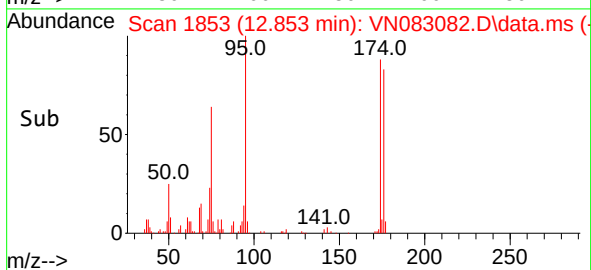
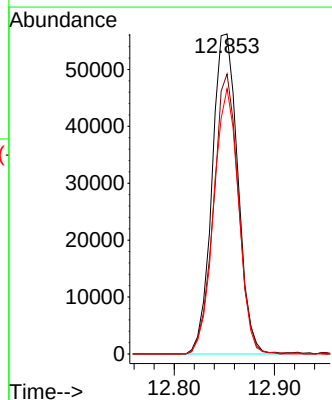
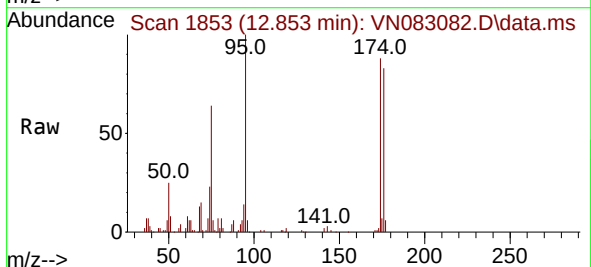
Instrument :
MSVOA_N
ClientSampleId :

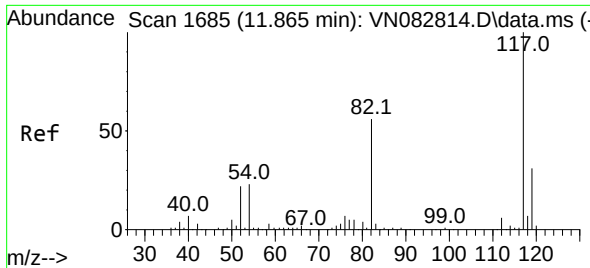
Tgt Ion: 98 Resp: 345183
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.389 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

Tgt Ion: 95 Resp: 100131
Ion Ratio Lower Upper
95 100
174 84.5 0.0 159.2
176 80.3 0.0 147.6

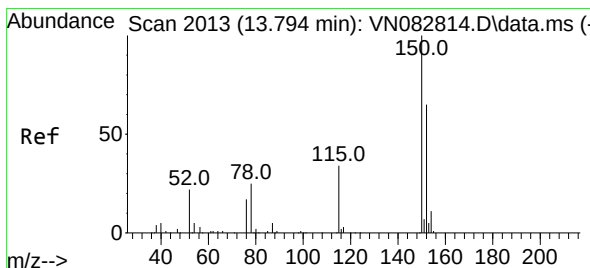
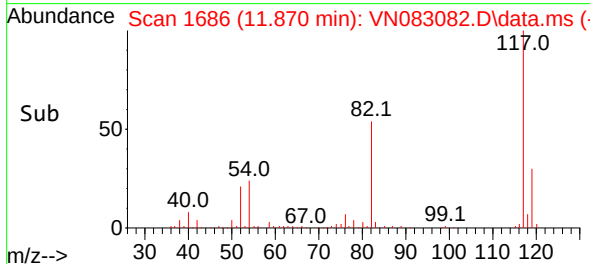
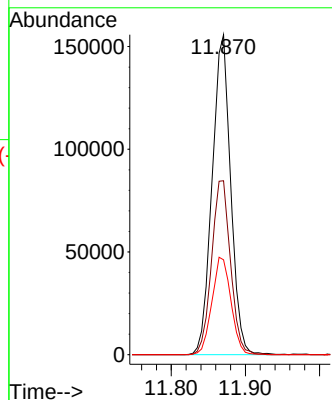
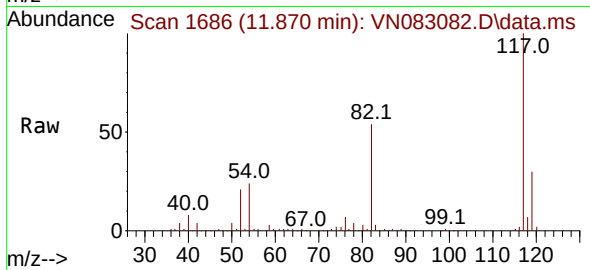




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

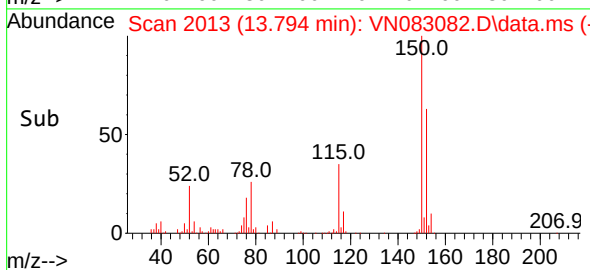
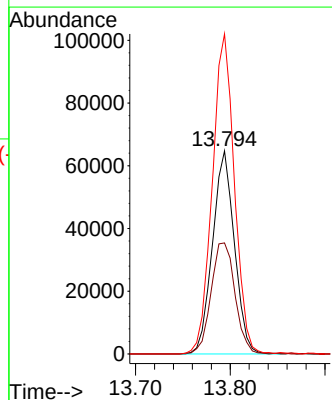
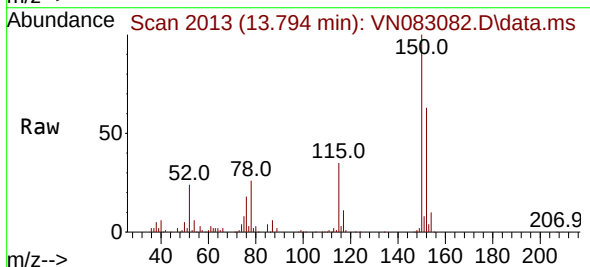
Instrument :
MSVOA_N
ClientSampleId :

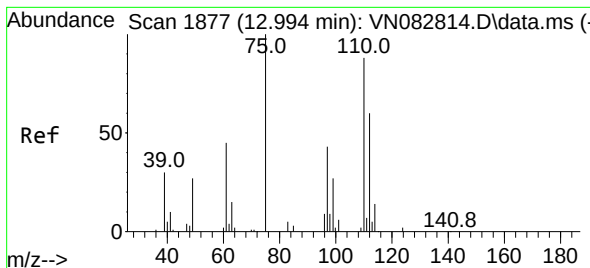
Tgt Ion:117 Resp: 270550
Ion Ratio Lower Upper
117 100
82 54.4 47.5 71.3
119 29.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083082.D
Acq: 30 Jul 2024 21:06

Tgt Ion:152 Resp: 103765
Ion Ratio Lower Upper
152 100
115 59.9 30.6 91.6
150 159.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 33.553 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083082.D

Acq: 30 Jul 2024 21:06

Instrument :

MSVOA_N

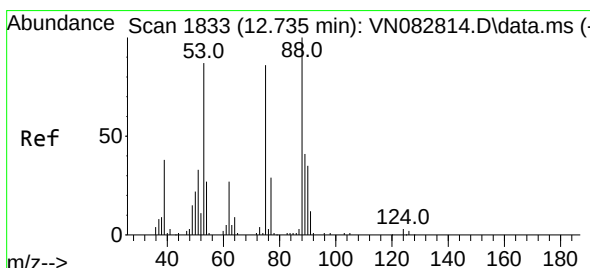
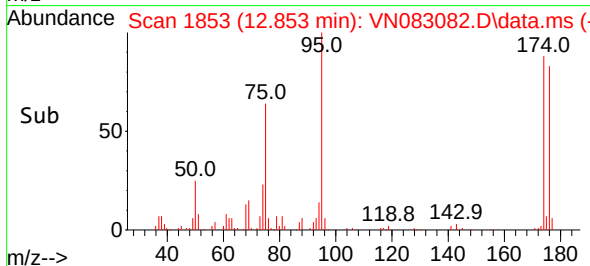
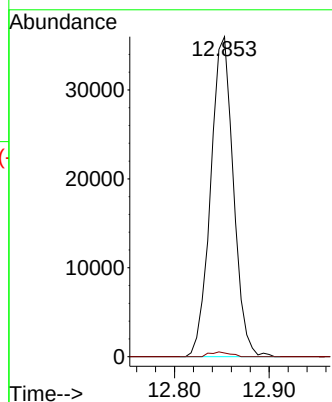
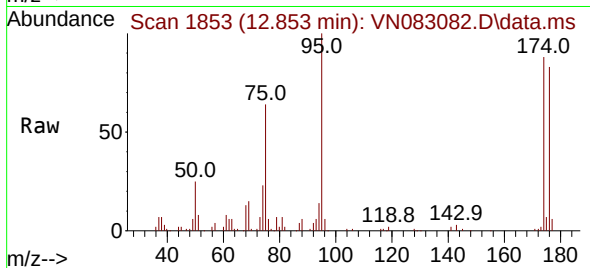
ClientSampleId :

Tgt Ion: 75 Resp: 60025

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.989 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN083082.D

Acq: 30 Jul 2024 21:06

Tgt Ion: 75 Resp: 60025

Ion Ratio Lower Upper

75 100

53 0.1 88.4 132.6#

89 0.0 36.3 54.5#

