

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082082.D
 Acq On : 10 May 2024 20:09
 Operator : JC\MD
 Sample : P2430-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 23:28:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

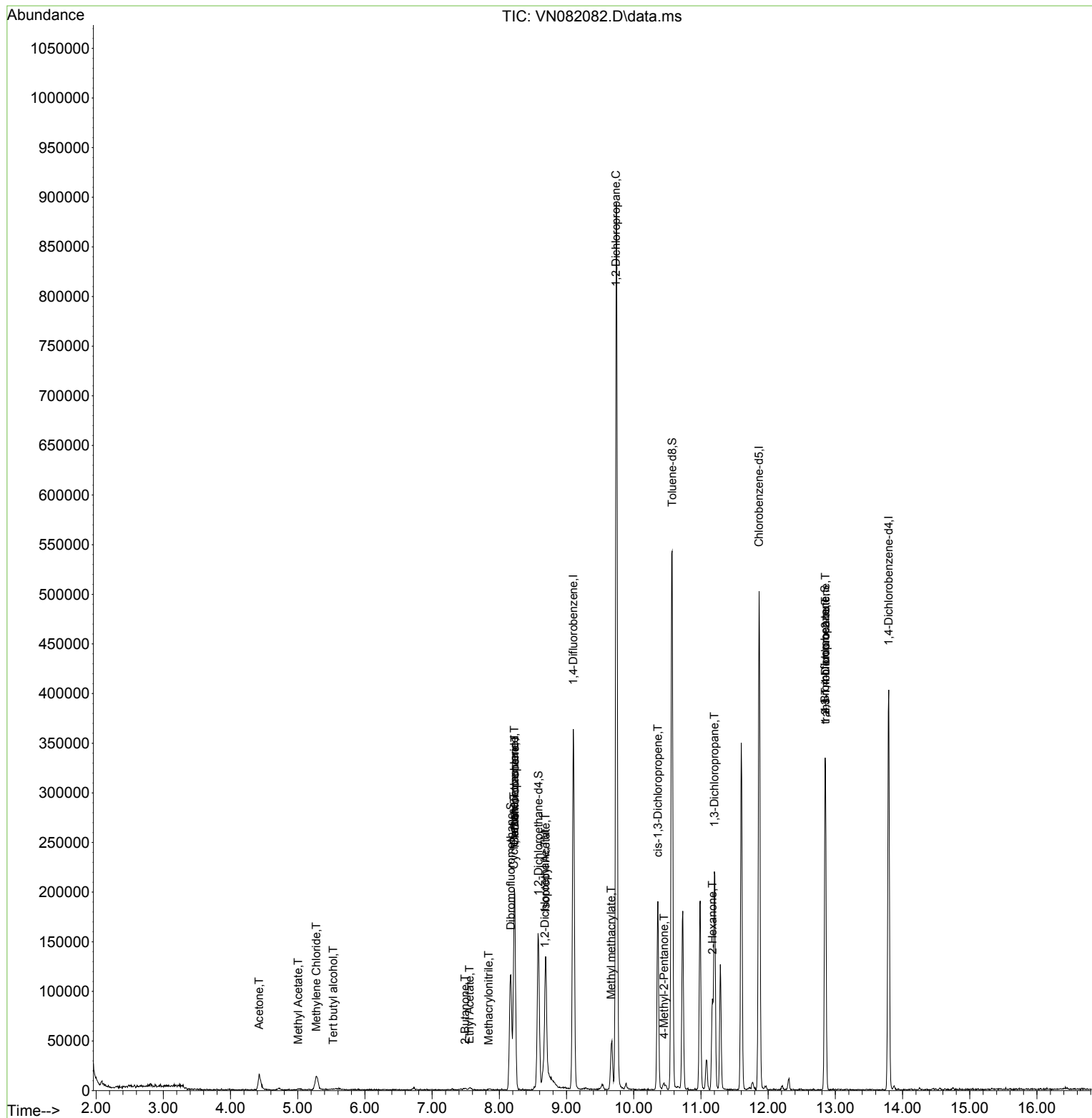
Internal Standards						
1) Pentafluorobenzene	8.224	168	128715	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	287074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117695	54.178	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.360%	
35) Dibromofluoromethane	8.171	113	84194	48.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.420%	
50) Toluene-d8	10.571	98	364418	53.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.847	95	117706	43.864	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 87.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	175	Below Cal	#	3
11) Tert butyl alcohol	5.530	59	143	0.362	ug/l #	71
13) Acrolein	4.183	56	62	Below Cal	#	1
16) Acetone	4.424	43	27275	37.818	ug/l #	85
18) Methyl Acetate	5.006	43	564	0.256	ug/l #	86
20) Methylene Chloride	5.277	84	10321	5.544	ug/l #	96
25) 2-Butanone	7.489	43	3102	2.516	ug/l #	80
31) Cyclohexane	8.218	56	5217	1.594	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	14463	5.143	ug/l #	49
37) Ethyl Acetate	7.559	43	3700	1.217	ug/l #	72
38) Carbon Tetrachloride	8.224	117	15906	5.788	ug/l #	15
41) Methacrylonitrile	7.841	41	477	0.246	ug/l #	31
42) 1,2-Dichloroethane	8.677	62	673	0.215	ug/l #	73
43) Isopropyl Acetate	8.688	43	176076	30.801	ug/l #	79
45) 1,2-Dichloropropane	9.735	63	1269	0.574	ug/l #	45
48) Methyl methacrylate	9.665	41	4094	1.500	ug/l #	34
51) 4-Methyl-2-Pentanone	10.453	43	4711	1.464	ug/l #	70
54) cis-1,3-Dichloropropene	10.359	75	32471	8.992	ug/l #	65
57) 1,3-Dichloropropane	11.200	76	2512	0.711	ug/l #	42
59) 2-Hexanone	11.171	43	107035	44.692	ug/l #	23
76) 1,2,3-Trichloropropane	12.853	75	69012	28.183	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69012	57.751	ug/l #	12

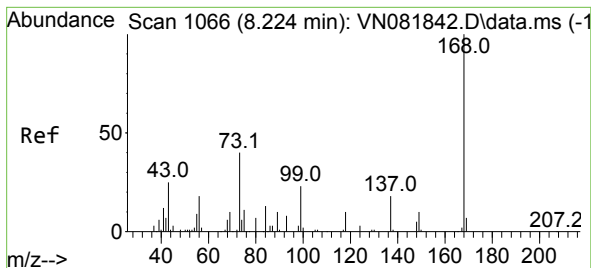
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082082.D
Acq On : 10 May 2024 20:09
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Sample : P2430-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 10 23:28:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

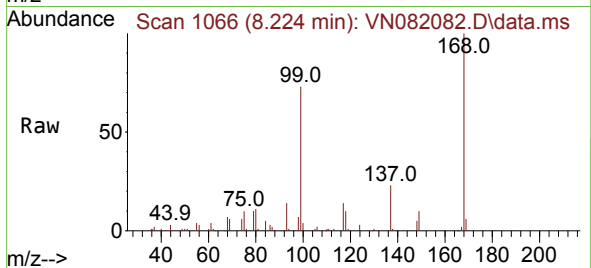
Lab File: VN082082.D

Acq: 10 May 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

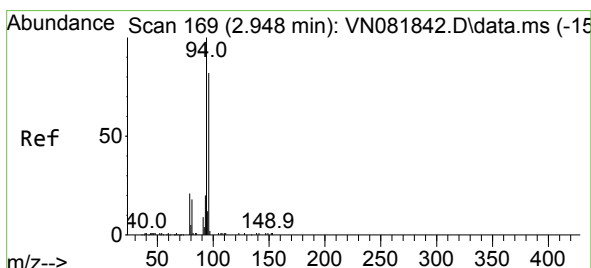
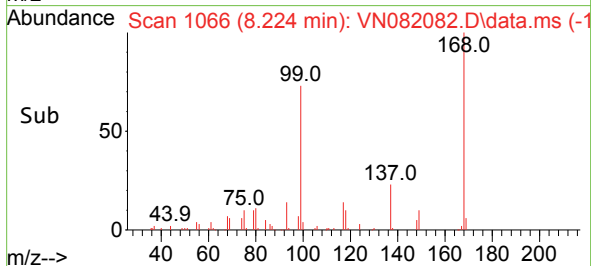
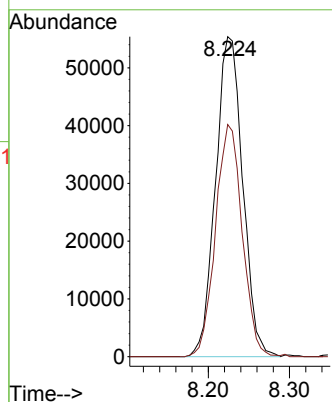


Tgt Ion:168 Resp: 128715

Ion Ratio Lower Upper

168 100

99 72.5 48.2 72.4#



#5

Bromomethane

Concen: Below Cal

RT: 2.971 min Scan# 173

Delta R.T. 0.023 min

Lab File: VN082082.D

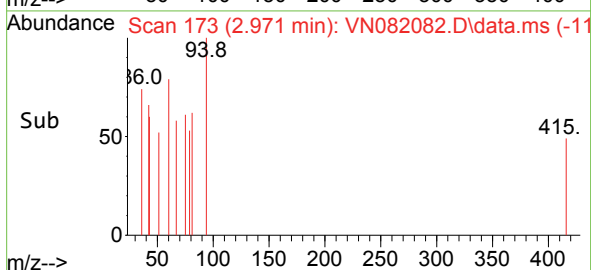
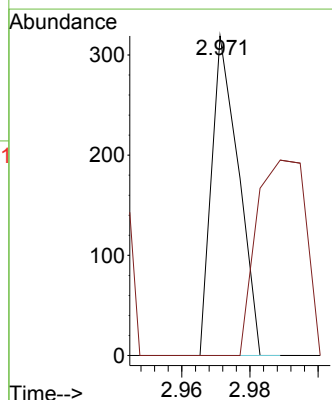
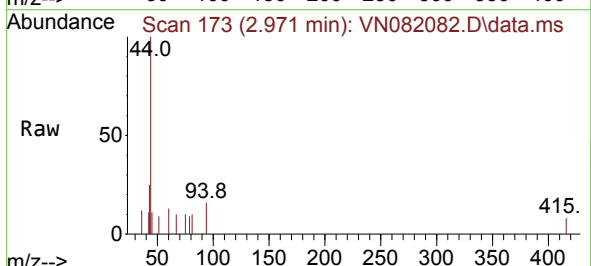
Acq: 10 May 2024 20:09

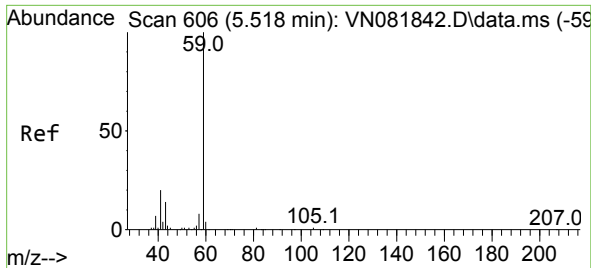
Tgt Ion: 94 Resp: 175

Ion Ratio Lower Upper

94 100

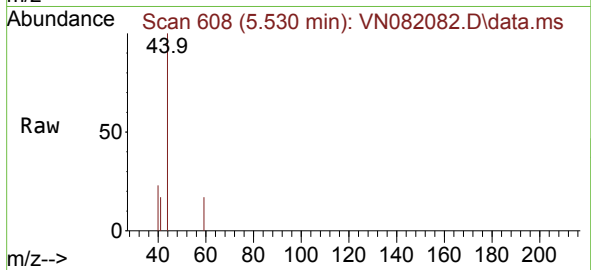
96 0.0 74.8 112.2#



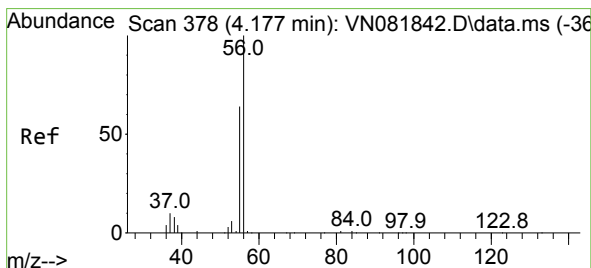
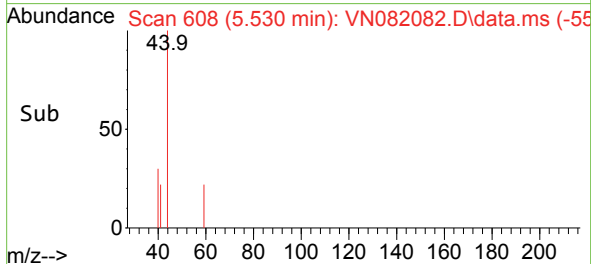
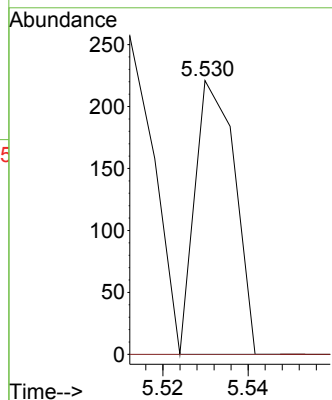


#11
Tert butyl alcohol
Concen: 0.362 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

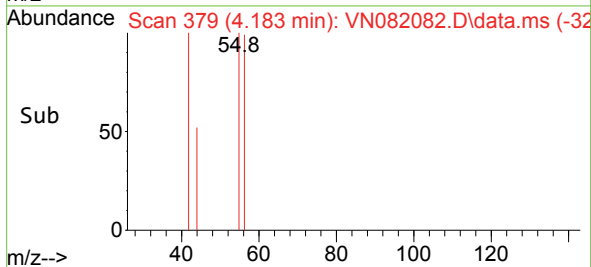
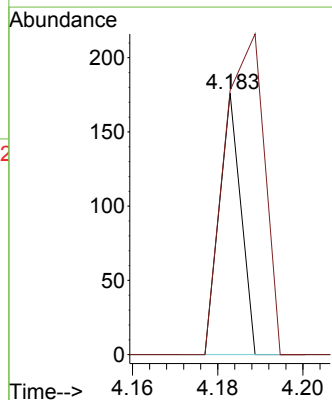
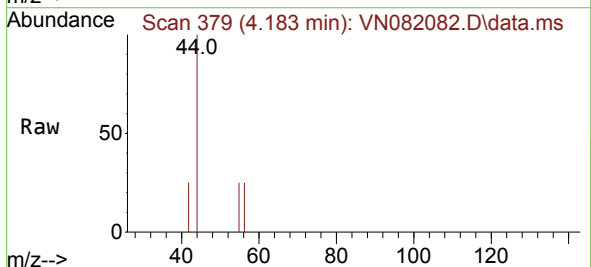


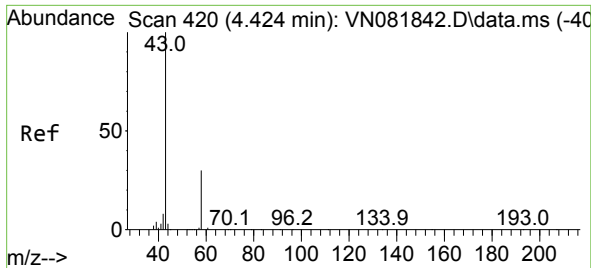
Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

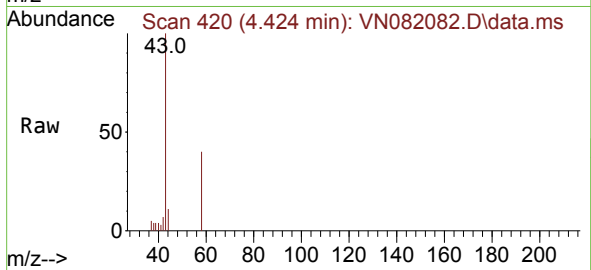
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 224.2 55.8 83.8#



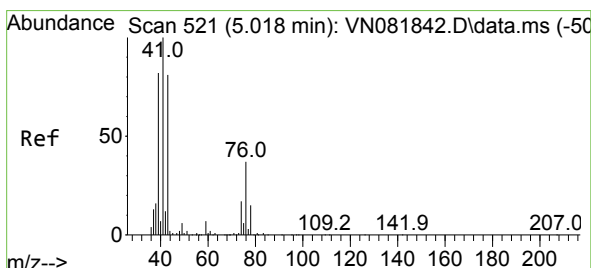
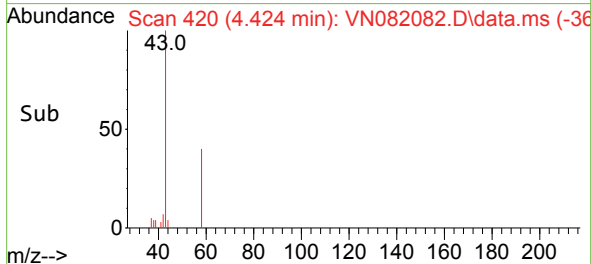
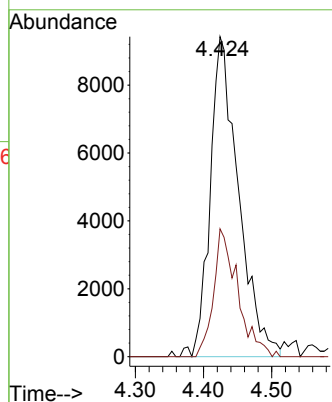


#16
Acetone
Concen: 37.818 ug/l
RT: 4.424 min Scan# 431
Delta R.T. 0.000 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

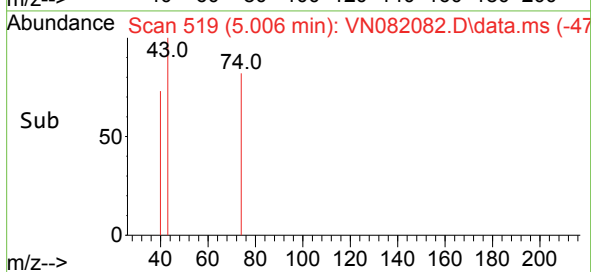
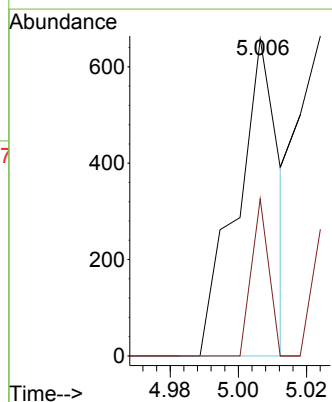
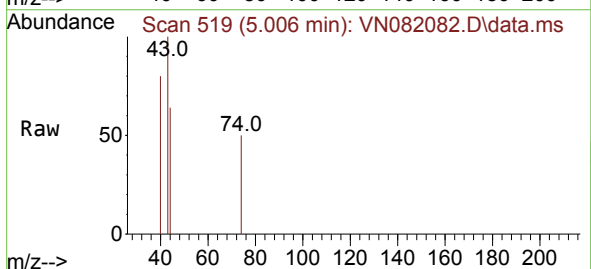


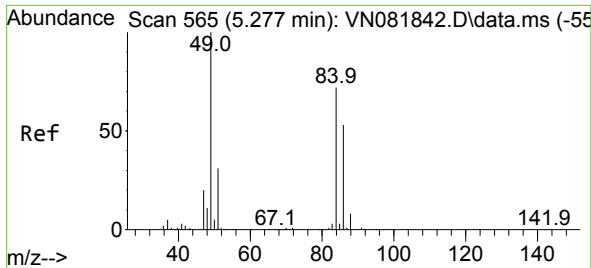
Tgt Ion: 43 Resp: 27275
Ion Ratio Lower Upper
43 100
58 39.9 25.2 37.8#



#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

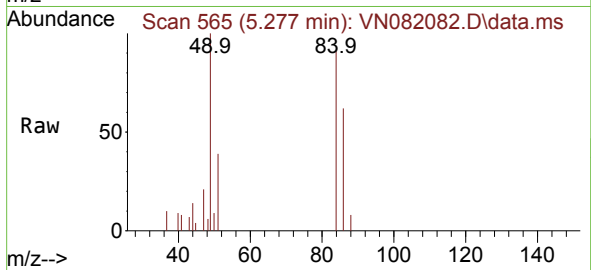
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
74 20.4 22.2 33.2#



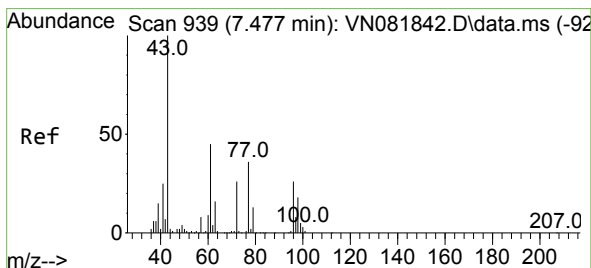
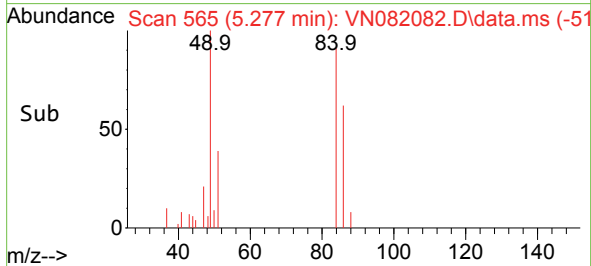
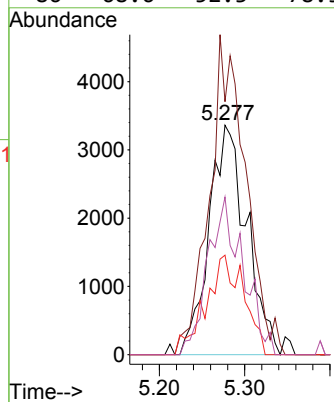


#20
Methylene Chloride
Concen: 5.544 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

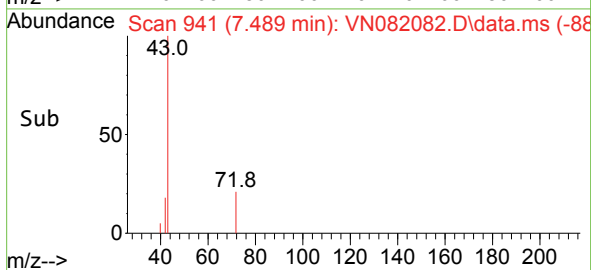
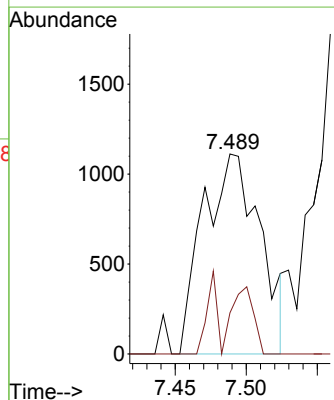
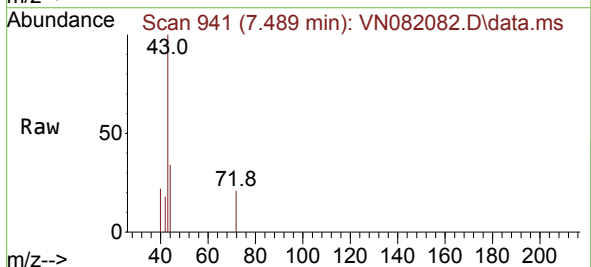


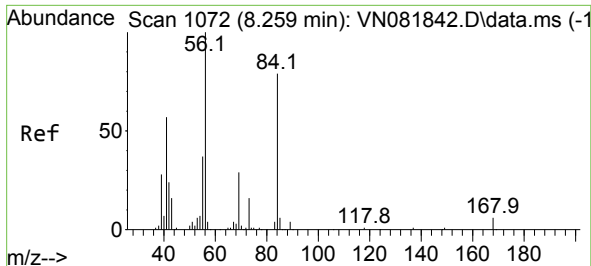
Tgt Ion:	84	Resp:	10321
Ion	Ratio	Lower	Upper
84	100		
49	105.8	84.9	127.3
51	43.4	27.0	40.6#
86	68.6	52.3	78.5



#25
2-Butanone
Concen: 2.516 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

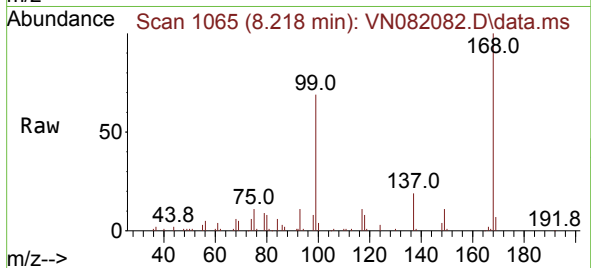
Tgt Ion:	43	Resp:	3102
Ion	Ratio	Lower	Upper
43	100		
72	20.6	25.3	37.9#



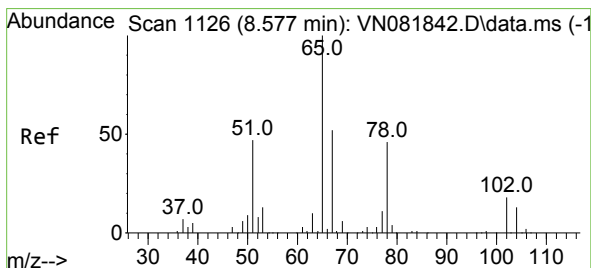
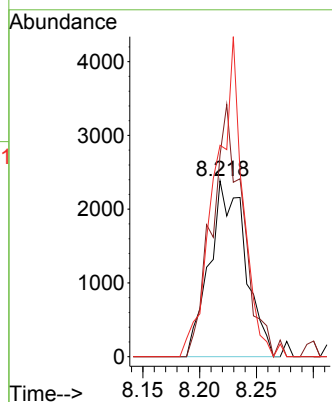
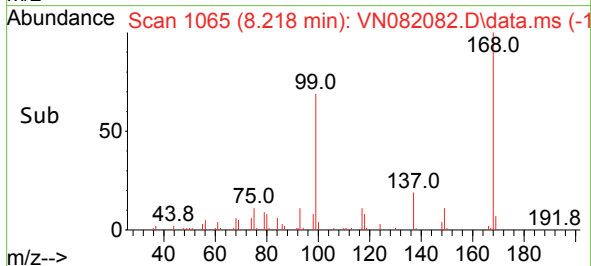


#31
Cyclohexane
Concen: 1.594 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

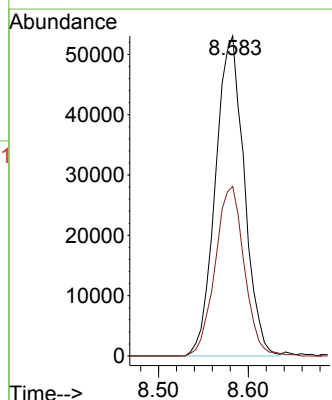
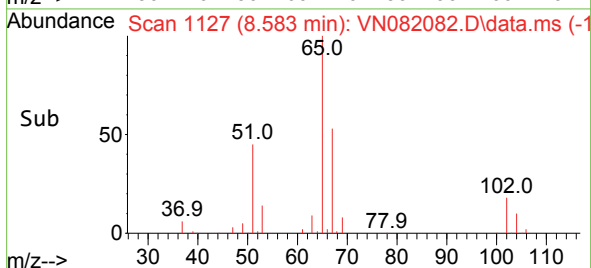
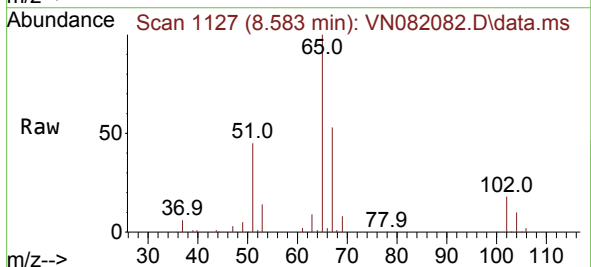


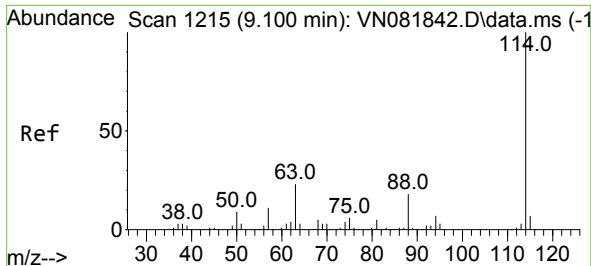
Tgt Ion: 56 Resp: 5217
Ion Ratio Lower Upper
56 100
69 114.6 24.4 36.6#
84 120.2 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 54.178 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Tgt Ion: 65 Resp: 117695
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

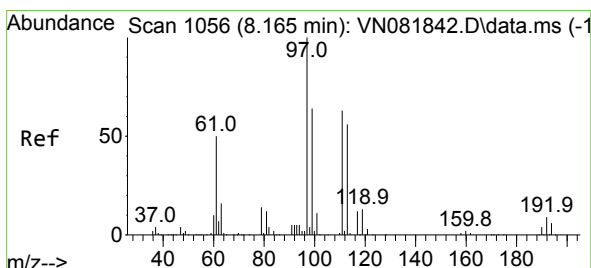
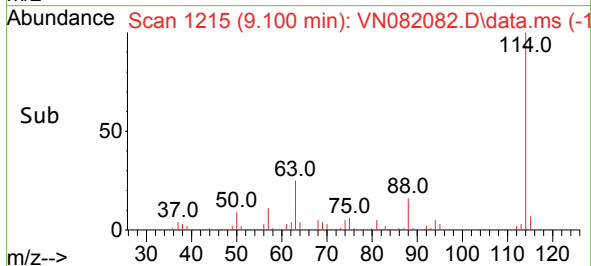
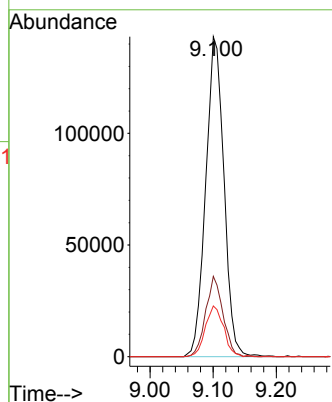
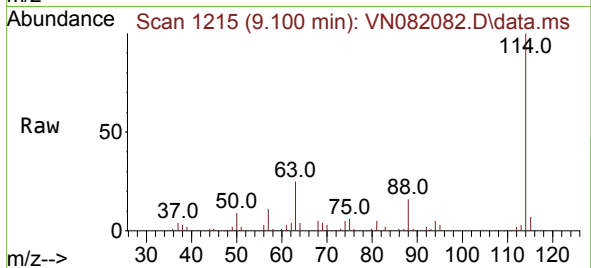
Tgt Ion:114 Resp: 287074

Ion Ratio Lower Upper

114 100

63 25.1 0.0 41.0

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.711 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

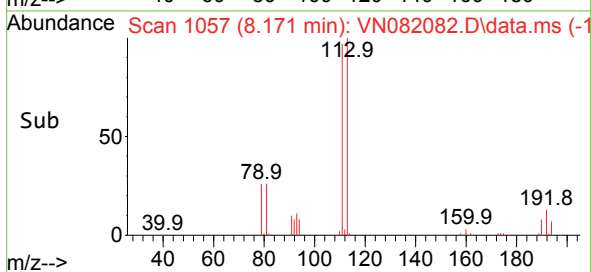
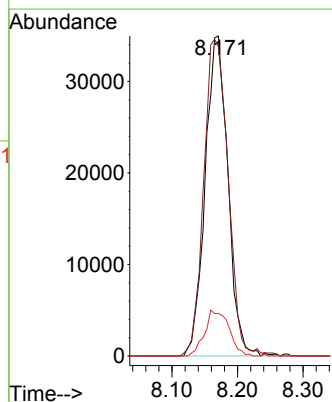
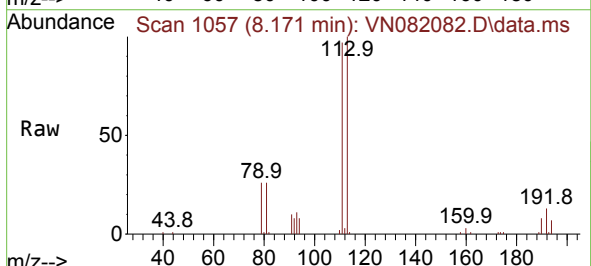
Tgt Ion:113 Resp: 84194

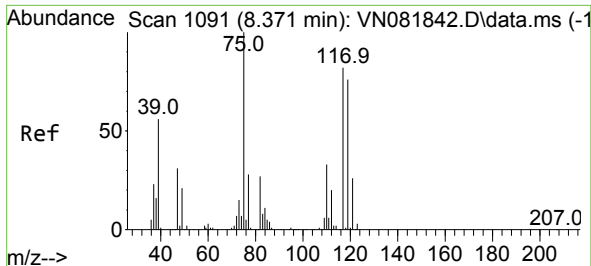
Ion Ratio Lower Upper

113 100

111 106.2 83.4 125.2

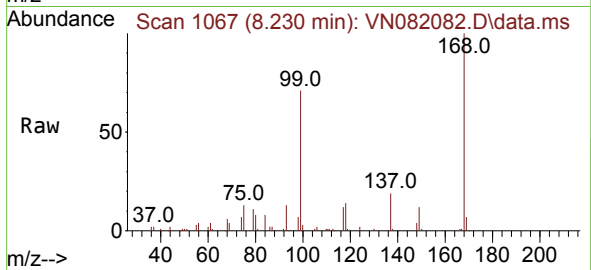
192 15.2 14.0 21.0



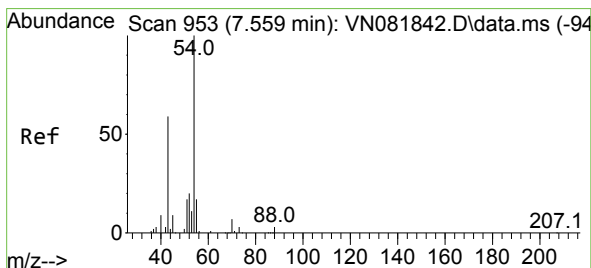
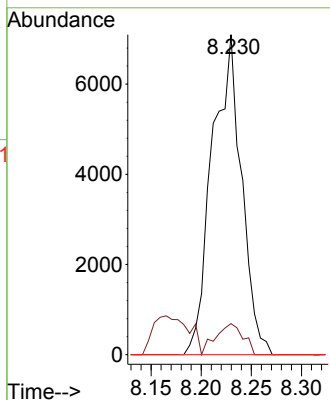
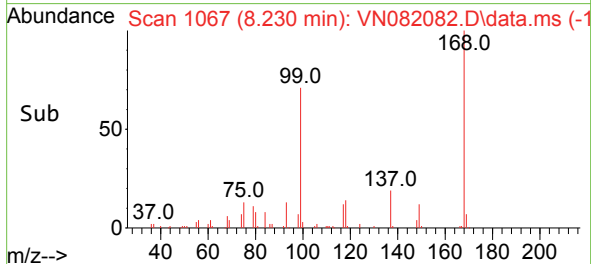


#36
1,1-Dichloropropene
Concen: 5.143 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

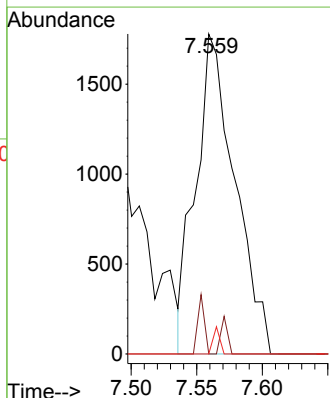
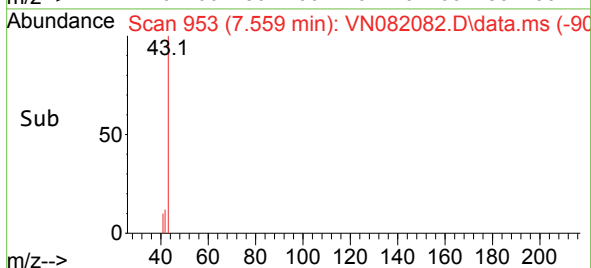
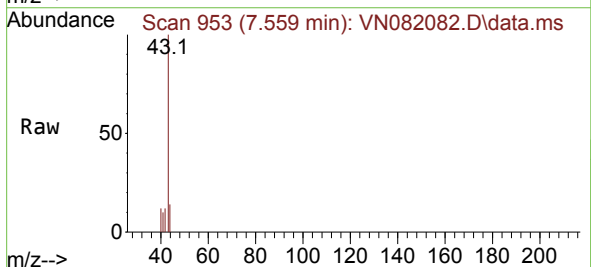


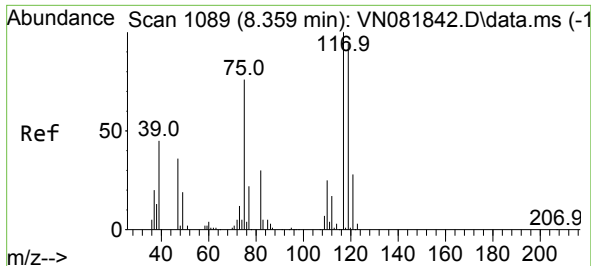
Tgt Ion: 75 Resp: 14463
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.217 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

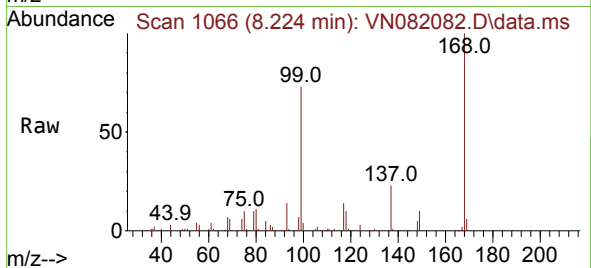
Tgt Ion: 43 Resp: 3700
Ion Ratio Lower Upper
43 100
61 2.0 11.3 16.9#
70 1.5 8.7 13.1#



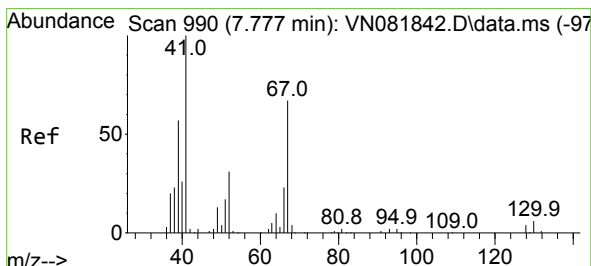
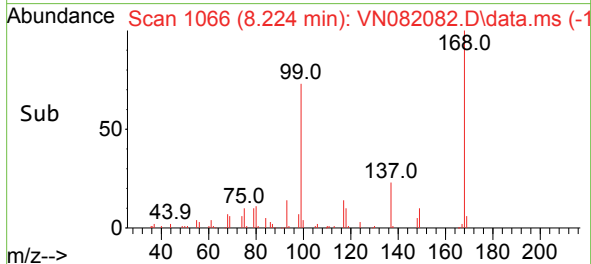
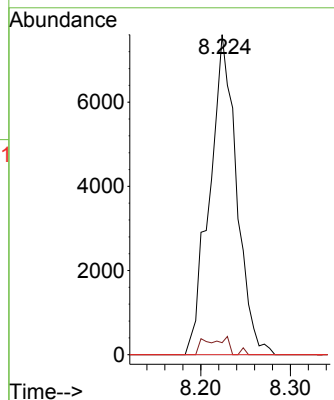


#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 8.224 min Scan# 1001
Delta R.T. -0.135 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

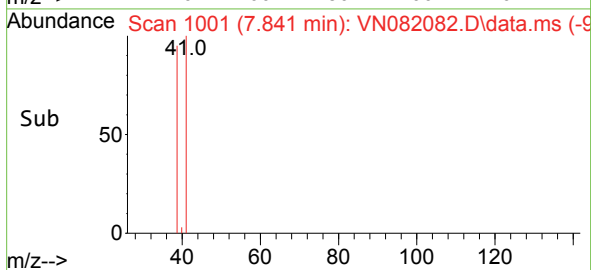
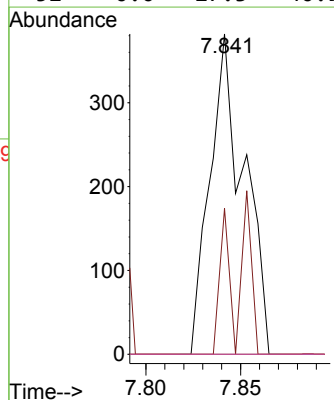
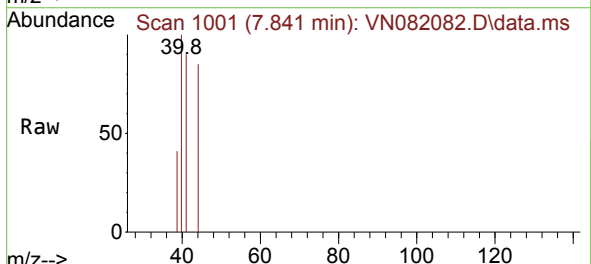


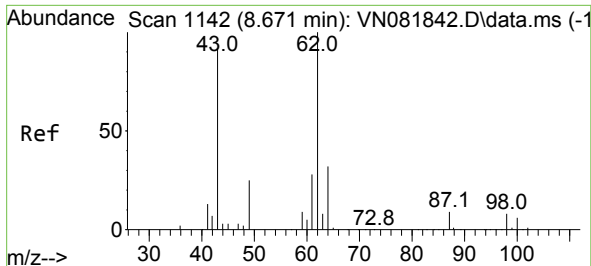
Tgt Ion:117 Resp: 15906
Ion Ratio Lower Upper
117 100
119 3.7 76.5 114.7#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 0.246 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Tgt Ion: 41 Resp: 477
Ion Ratio Lower Upper
41 100
39 27.3 46.6 69.8#
67 0.0 67.3 100.9#
52 0.0 27.3 40.9#





#42

1,2-Dichloroethane

Concen: 0.215 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

Instrument :

MSVOA_N

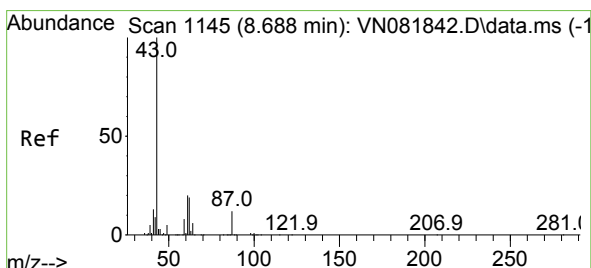
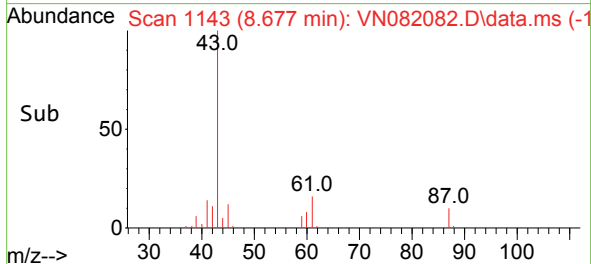
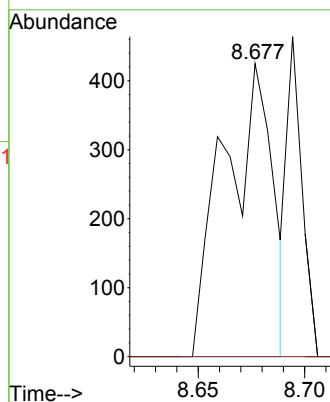
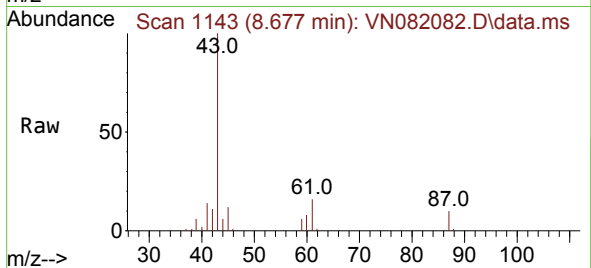
ClientSampleId :

Tgt Ion: 62 Resp: 673

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



#43

Isopropyl Acetate

Concen: 30.801 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

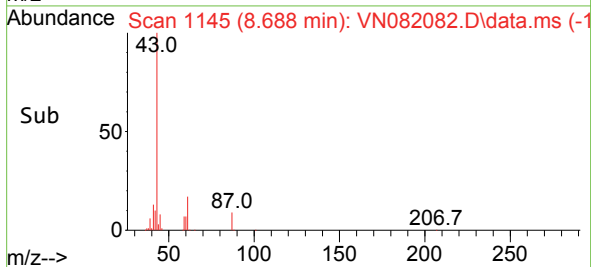
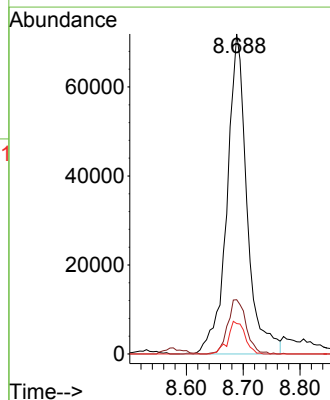
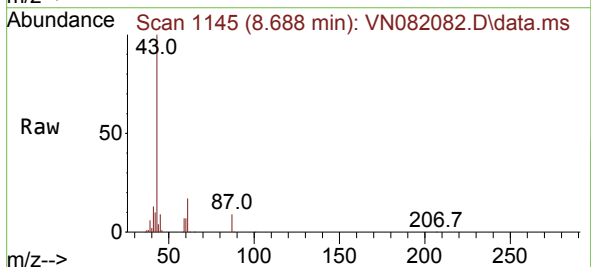
Tgt Ion: 43 Resp: 176076

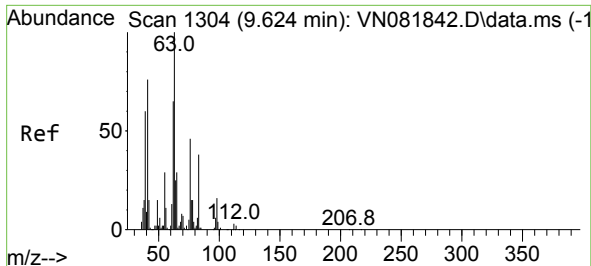
Ion Ratio Lower Upper

43 100

61 15.7 22.8 34.2#

87 8.6 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.574 ug/l

RT: 9.735 min Scan# 1323

Delta R.T. 0.112 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

Instrument :

MSVOA_N

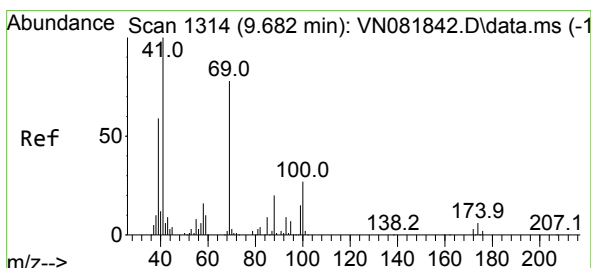
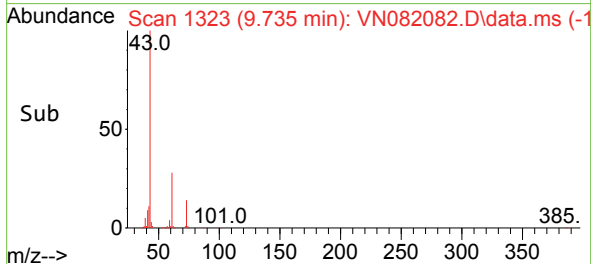
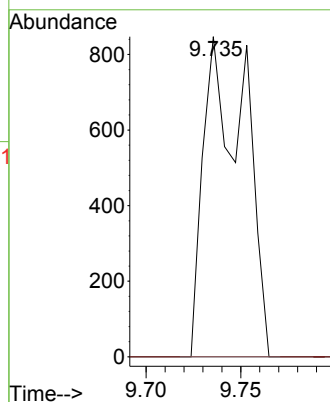
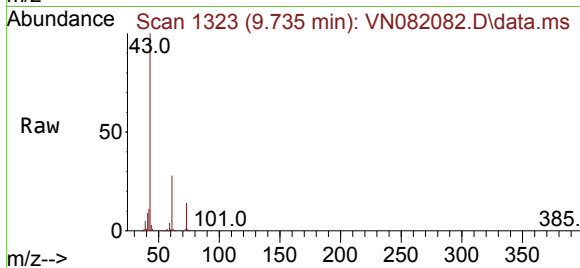
ClientSampleId :

Tgt Ion: 63 Resp: 1269

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#48

Methyl methacrylate

Concen: 1.500 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

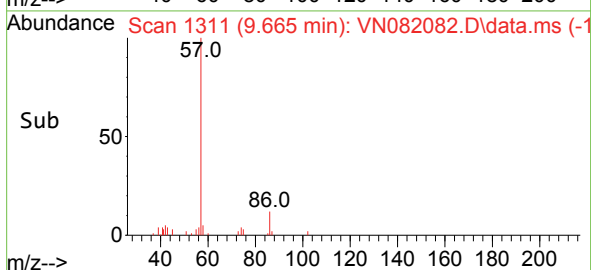
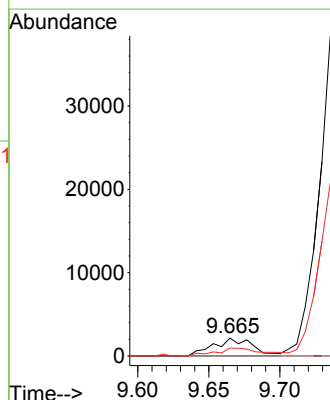
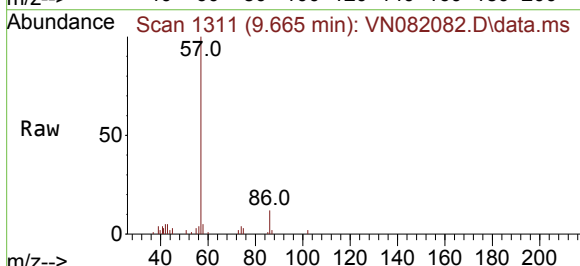
Tgt Ion: 41 Resp: 4094

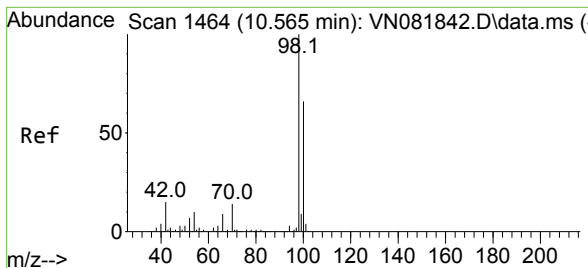
Ion Ratio Lower Upper

41 100

69 0.0 77.9 116.9#

39 51.2 50.9 76.3

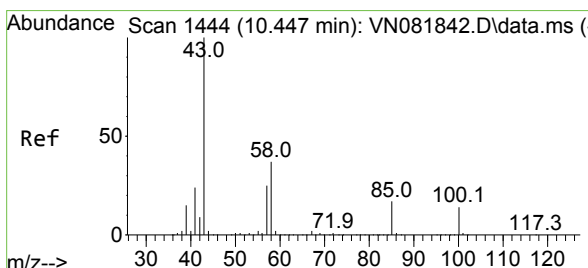
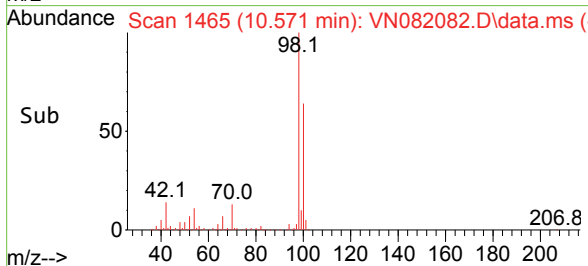
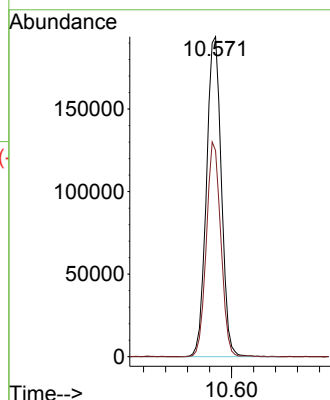
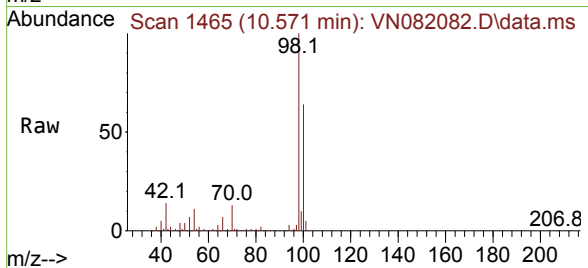




#50
Toluene-d8
Concen: 53.683 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

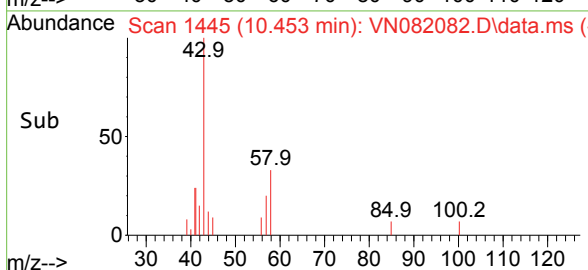
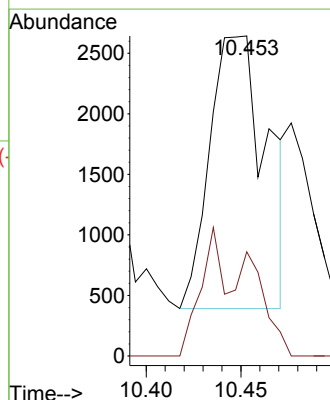
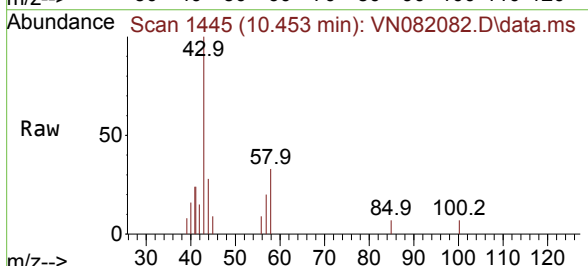
Instrument :
MSVOA_N
ClientSampleId :

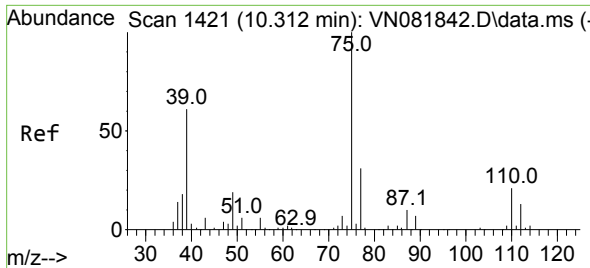
Tgt Ion: 98 Resp: 364418
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.464 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

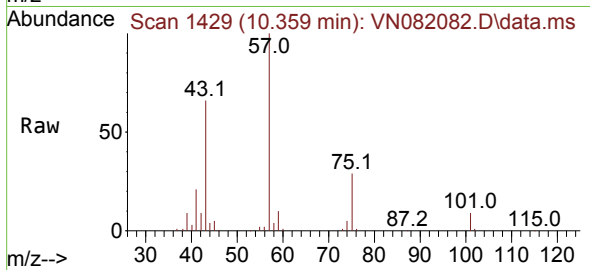
Tgt Ion: 43 Resp: 4711
Ion Ratio Lower Upper
43 100
58 22.7 33.2 49.8#



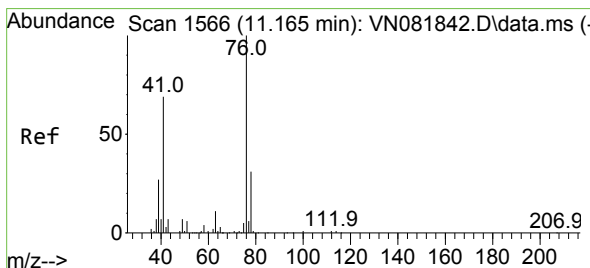
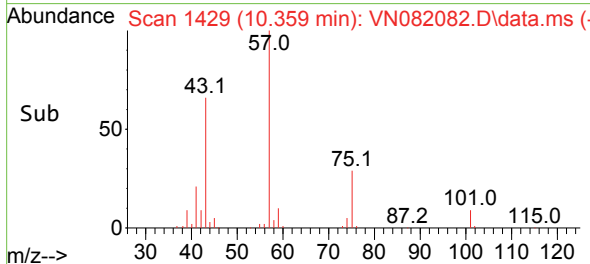
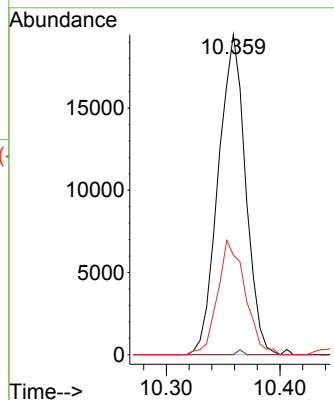


#54
cis-1,3-Dichloropropene
Concen: 8.992 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

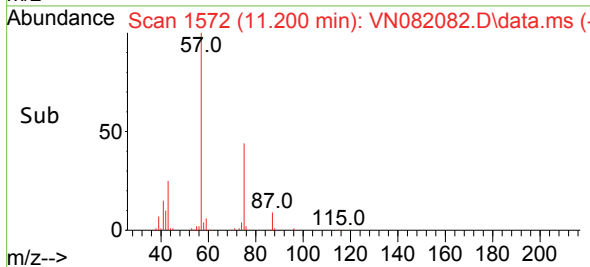
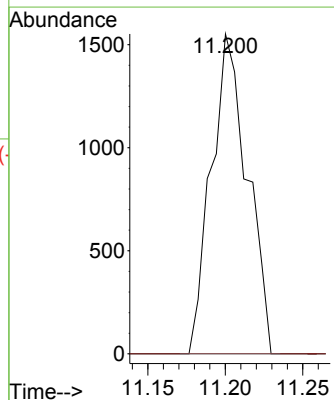
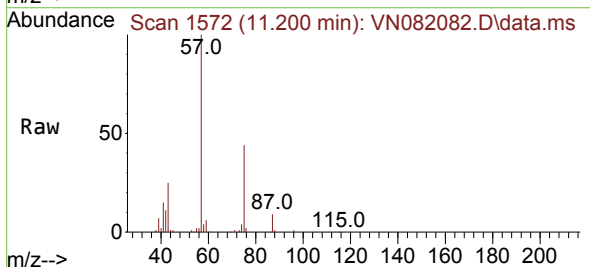


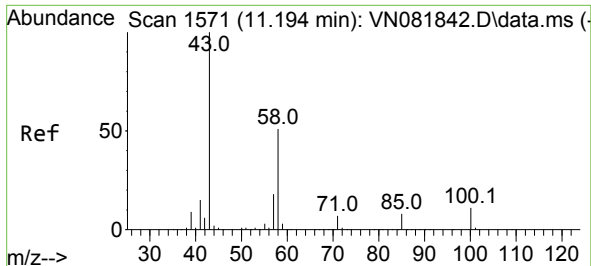
Tgt Ion: 75 Resp: 32471
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 31.2 34.8 52.2#



#57
1,3-Dichloropropane
Concen: 0.711 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

Tgt Ion: 76 Resp: 2512
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

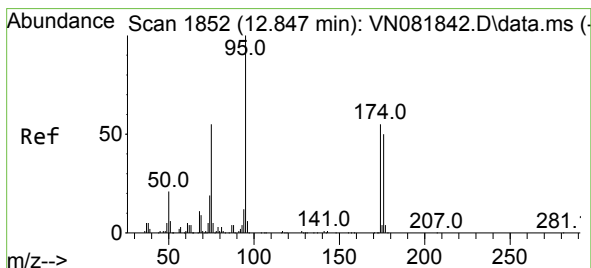
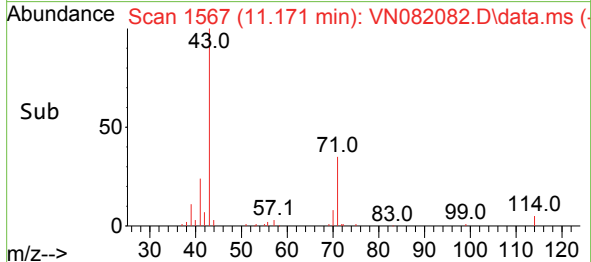
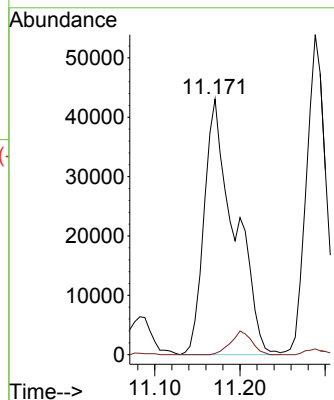
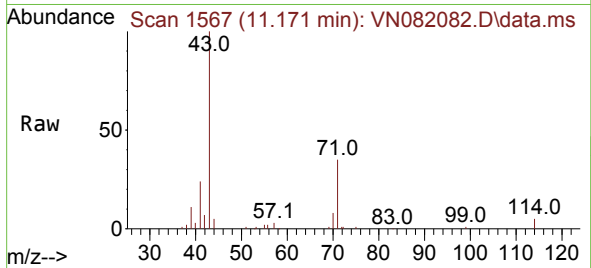




#59
2-Hexanone
Concen: 44.692 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

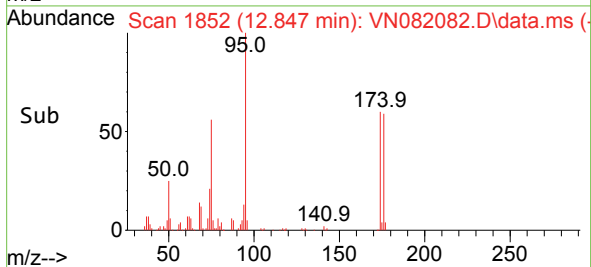
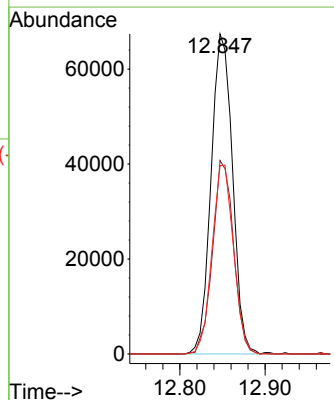
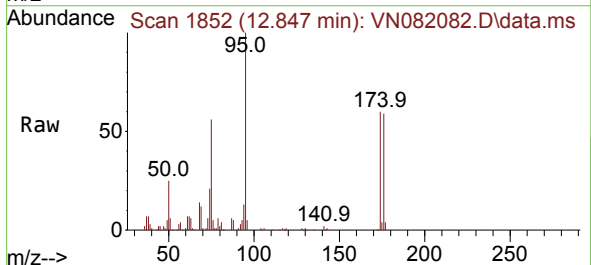
Instrument :
MSVOA_N
ClientSampleId :

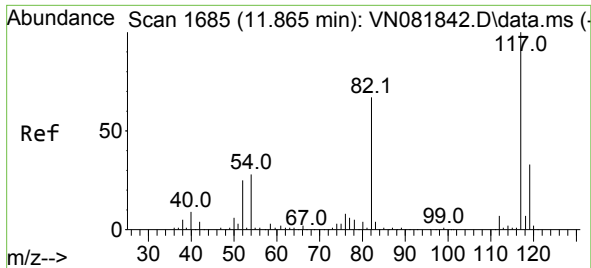
Tgt Ion: 43 Resp: 107035
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 43.864 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

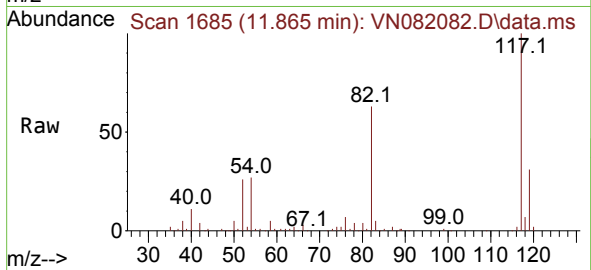
Tgt Ion: 95 Resp: 117706
Ion Ratio Lower Upper
95 100
174 59.3 0.0 160.6
176 59.3 0.0 152.8



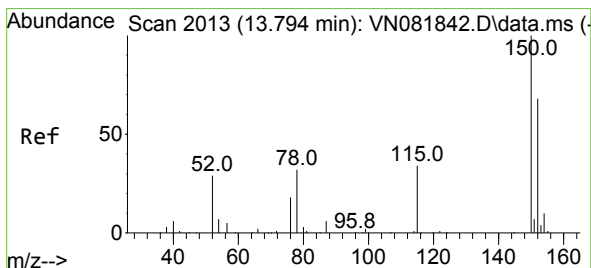
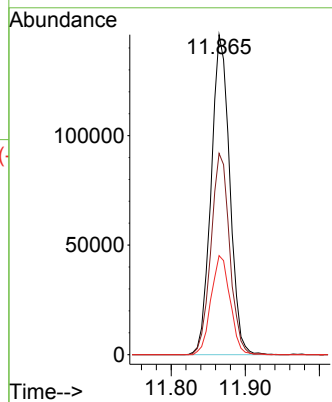
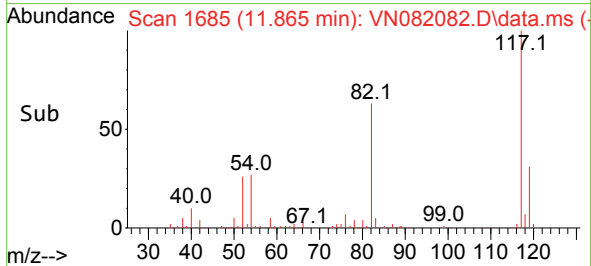


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09

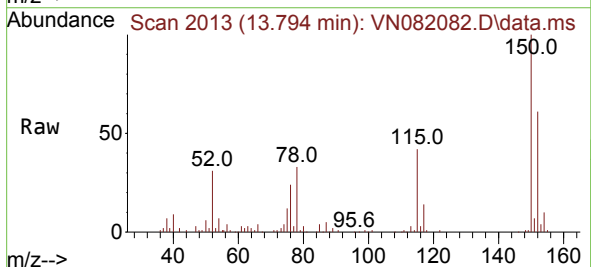
Instrument :
MSVOA_N
ClientSampleId :



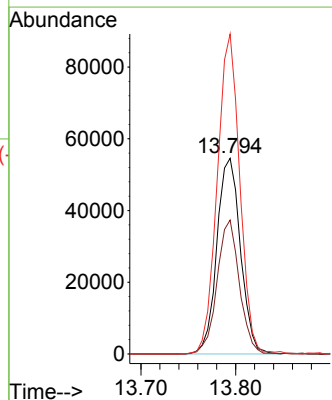
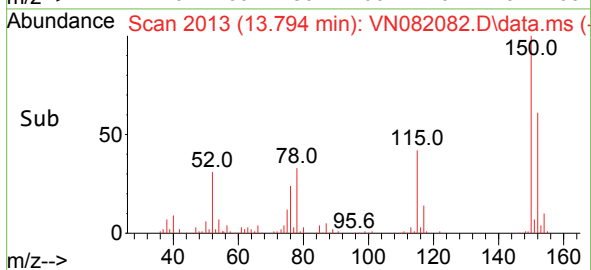
Tgt Ion:117 Resp: 254040
Ion Ratio Lower Upper
117 100
82 62.9 44.6 66.8
119 30.9 25.9 38.9

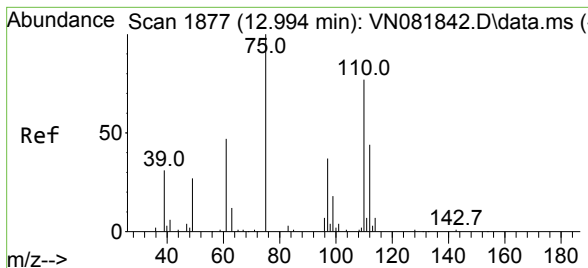


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082082.D
Acq: 10 May 2024 20:09



Tgt Ion:152 Resp: 94442
Ion Ratio Lower Upper
152 100
115 65.1 30.4 91.3
150 156.2 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 28.183 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

Instrument :

MSVOA_N

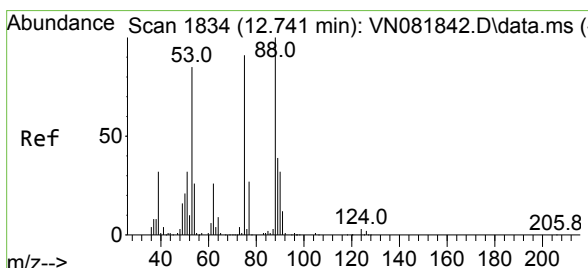
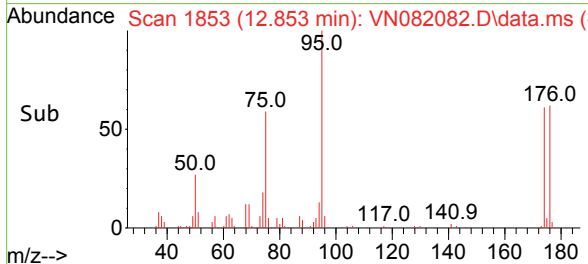
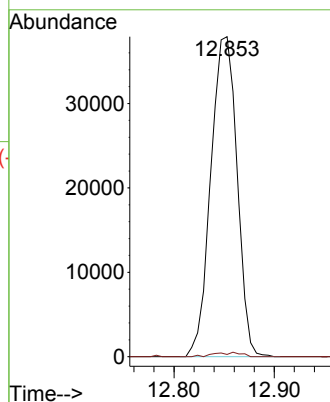
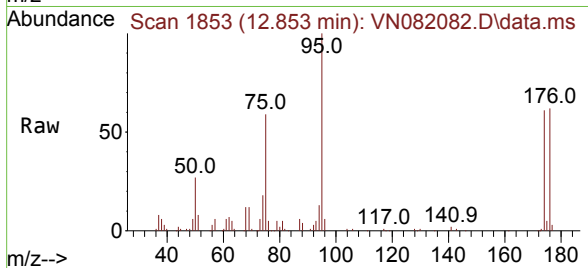
ClientSampleId :

Tgt Ion: 75 Resp: 69012

Ion Ratio Lower Upper

75 100

77 0.8 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.751 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082082.D

Acq: 10 May 2024 20:09

Tgt Ion: 75 Resp: 69012

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

