

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081469.D
 Acq On : 19 Mar 2024 14:34
 Operator : JC\MD
 Sample : P1772-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1352

Quant Time: Mar 20 01:17:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

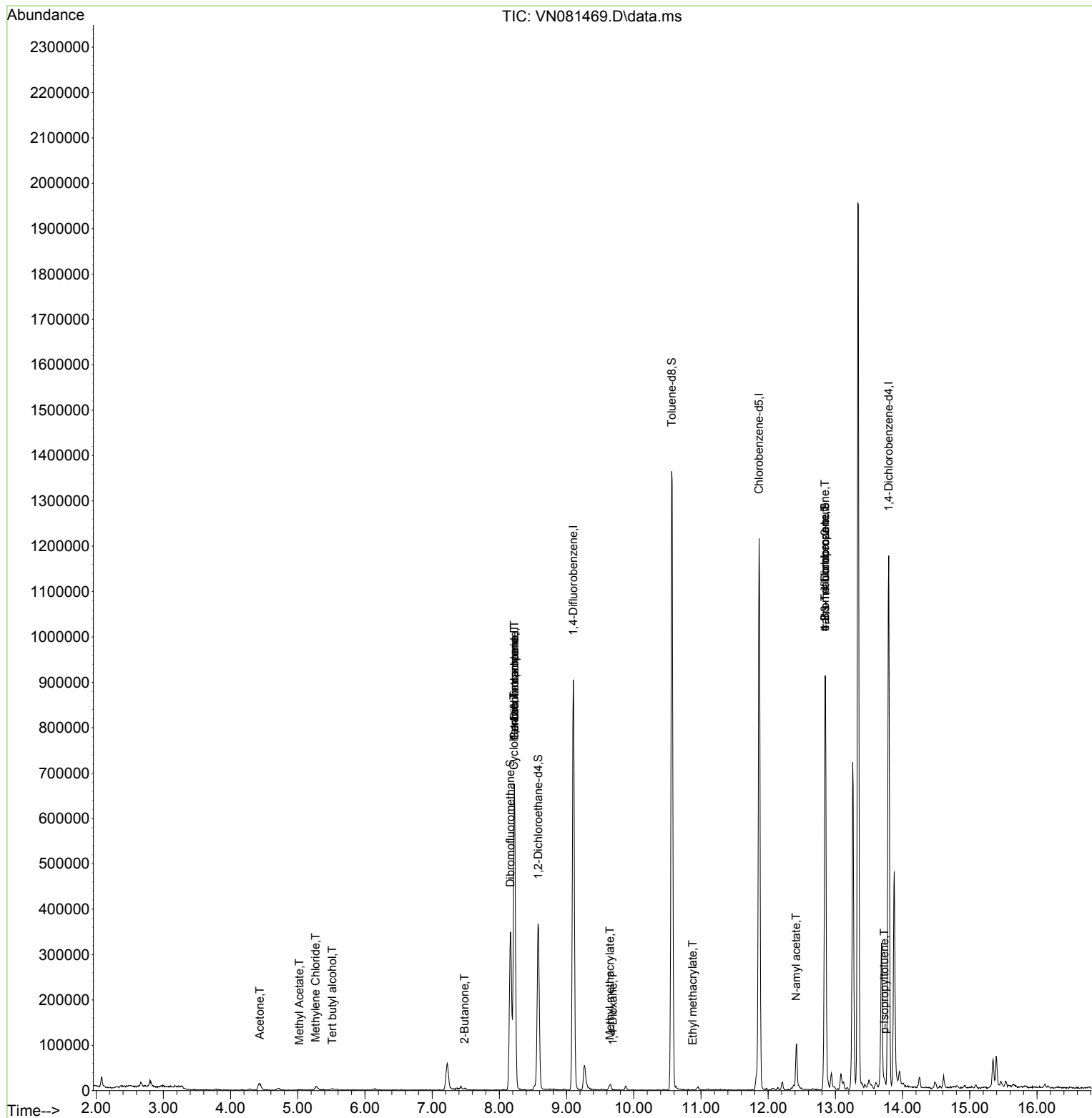
Internal Standards						
1) Pentafluorobenzene	8.224	168	478180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	801266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	709905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	309435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	296559	48.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.260%		
35) Dibromofluoromethane	8.165	113	248289	49.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	10.565	98	951285	52.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.080%		
62) 4-Bromofluorobenzene	12.847	95	308823	47.946	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.900%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	2739	2.577	ug/l #	93
16) Acetone	4.436	43	29665	15.053	ug/l	93
18) Methyl Acetate	5.024	43	2406	0.396	ug/l #	54
20) Methylene Chloride	5.265	84	2341	0.363	ug/l #	74
25) 2-Butanone	7.482	43	5712	1.690	ug/l	97
31) Cyclohexane	8.218	56	10820	1.090	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	39741	4.670	ug/l #	51
38) Carbon Tetrachloride	8.224	117	50360	5.402	ug/l #	17
48) Methyl methacrylate	9.647	41	3906	0.701	ug/l #	47
49) 1,4-Dioxane	9.688	88	273	2.039	ug/l #	23
56) Ethyl methacrylate	10.876	69	74	0.579	ug/l #	55
74) N-amyl acetate	12.417	43	18612	1.950	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	164729	22.255	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	164729	60.141	ug/l #	14
86) p-Isopropyltoluene	13.729	119	7377	0.336	ug/l #	70

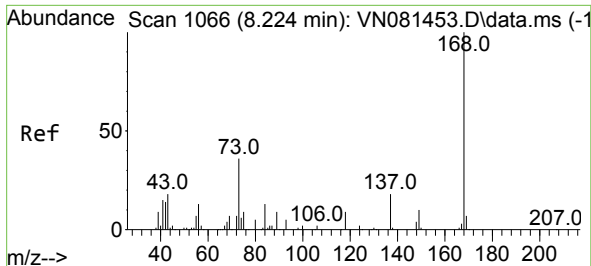
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 01:17:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

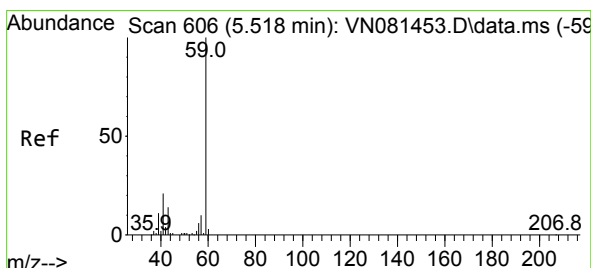
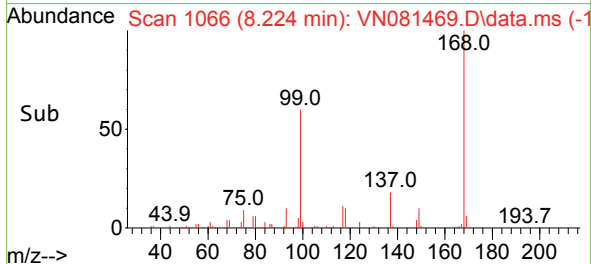
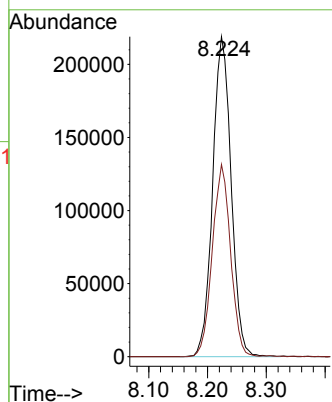
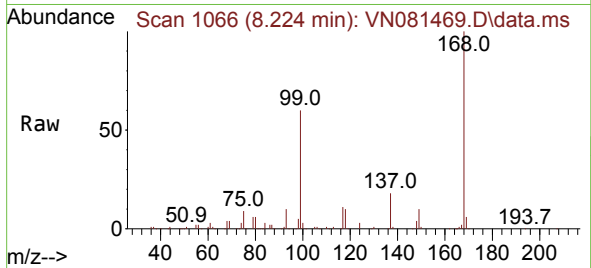




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

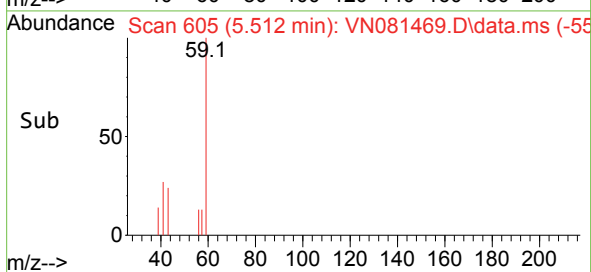
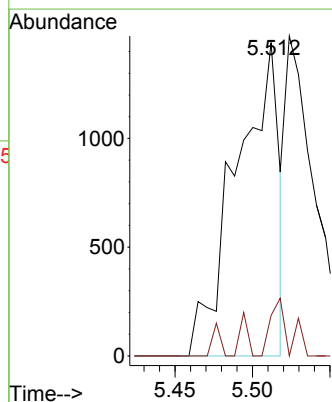
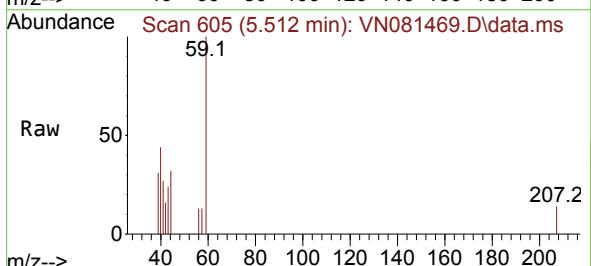
Instrument :
MSVOA_N
ClientSampleId :
1352

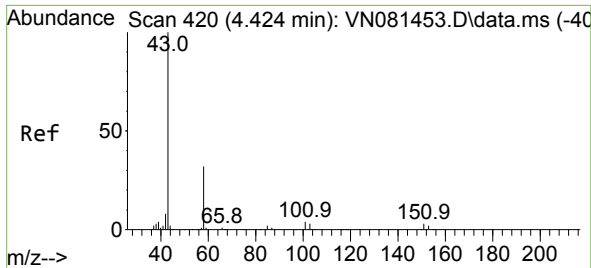
Tgt Ion:168 Resp: 478180
Ion Ratio Lower Upper
168 100
99 60.0 59.9 89.9



#11
Tert butyl alcohol
Concen: 2.577 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

Tgt Ion: 59 Resp: 2739
Ion Ratio Lower Upper
59 100
57 8.1 8.6 12.8#

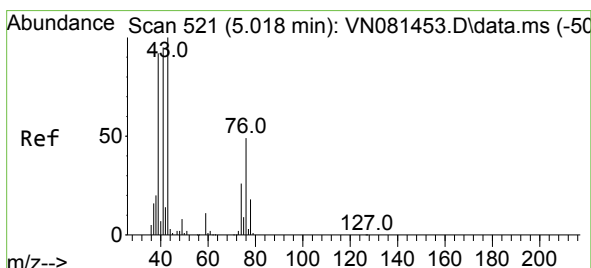
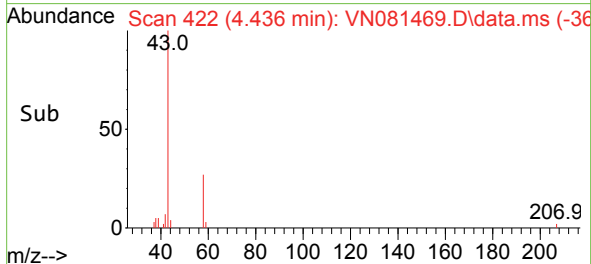
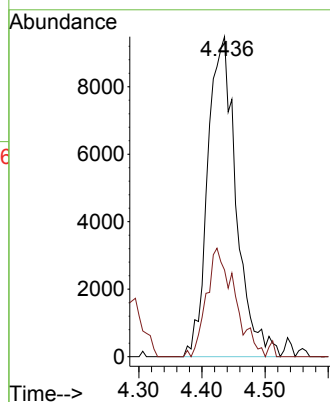
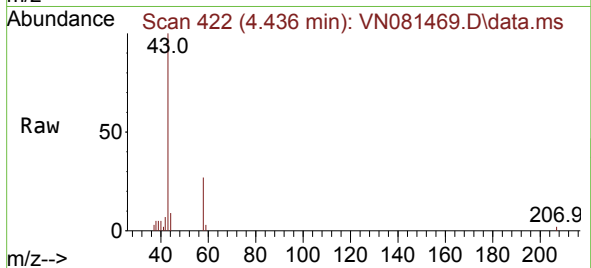




#16
Acetone
Concen: 15.053 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

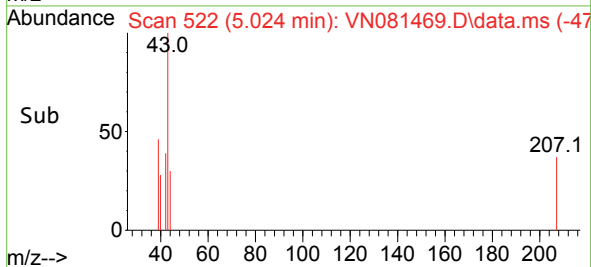
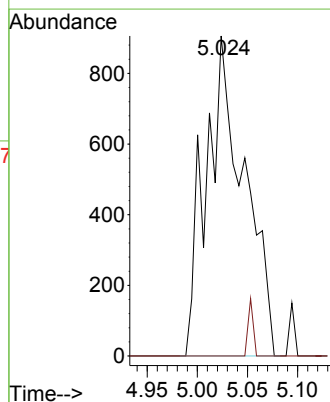
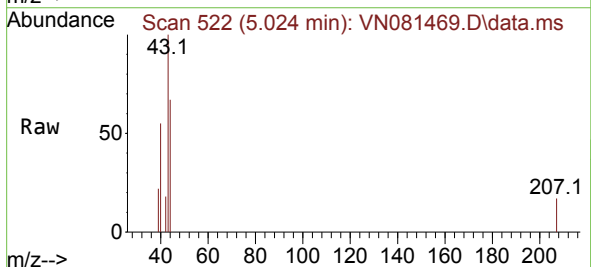
Instrument :
MSVOA_N
ClientSampleId :
1352

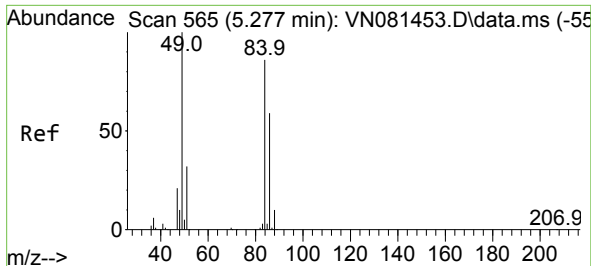
Tgt Ion: 43 Resp: 29665
Ion Ratio Lower Upper
43 100
58 27.1 24.8 37.2



#18
Methyl Acetate
Concen: 0.396 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

Tgt Ion: 43 Resp: 2406
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#

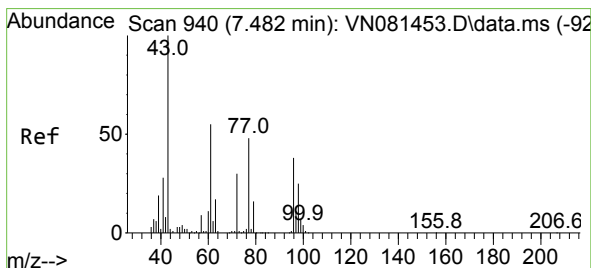
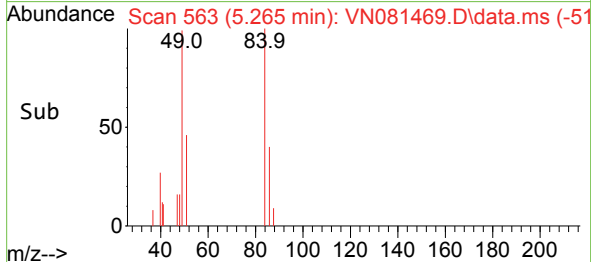
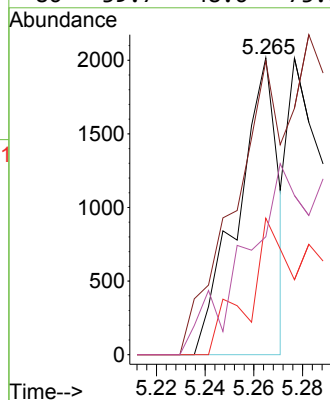
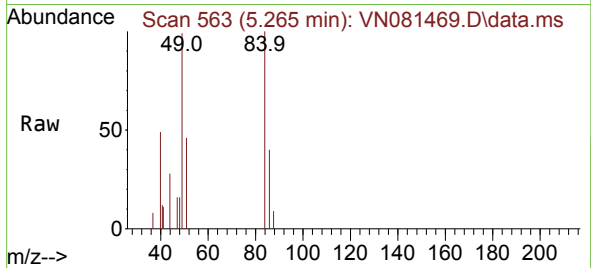




#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

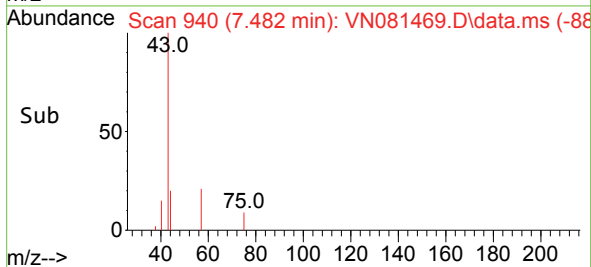
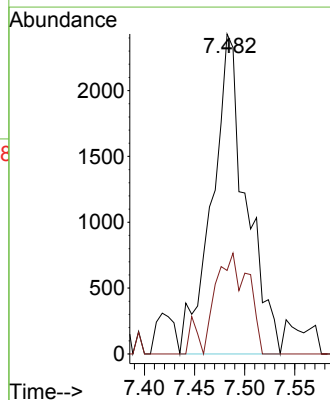
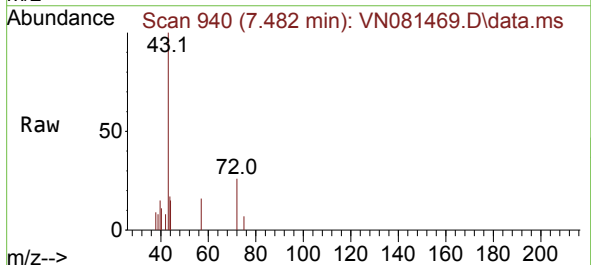
Instrument :
MSVOA_N
ClientSampleId :
1352

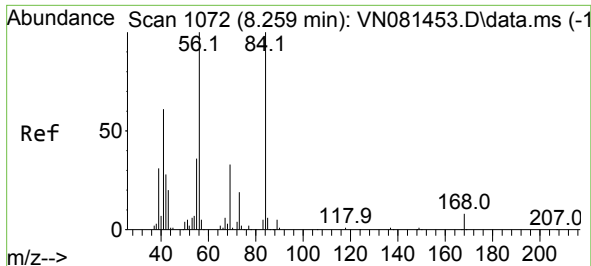
Tgt Ion: 84 Resp: 2341
Ion Ratio Lower Upper
84 100
49 99.0 108.1 162.1#
51 46.0 32.9 49.3
86 39.7 48.6 73.0#



#25
2-Butanone
Concen: 1.690 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

Tgt Ion: 43 Resp: 5712
Ion Ratio Lower Upper
43 100
72 26.1 19.5 29.3

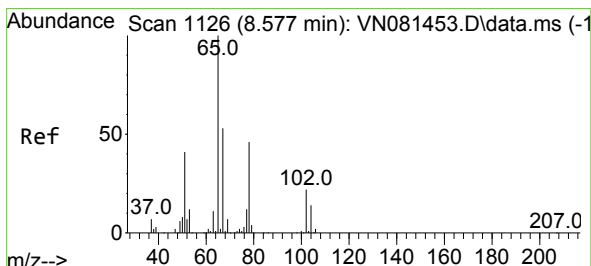
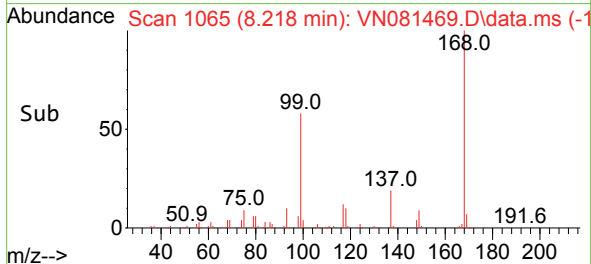
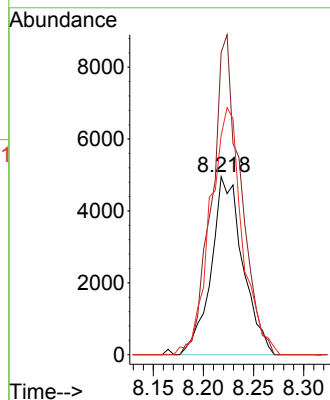
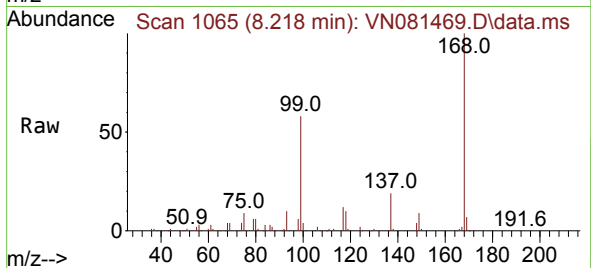




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

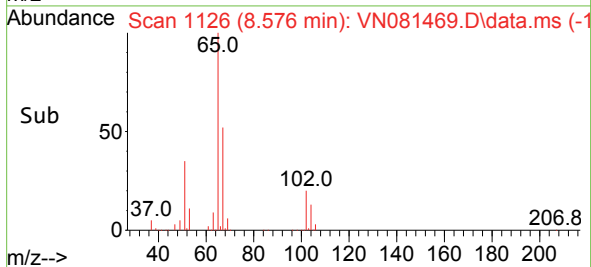
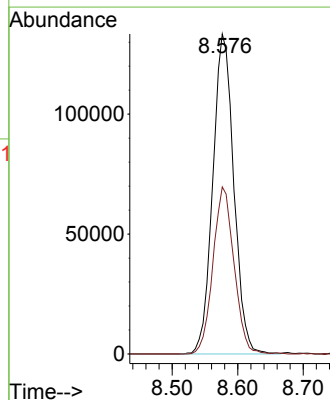
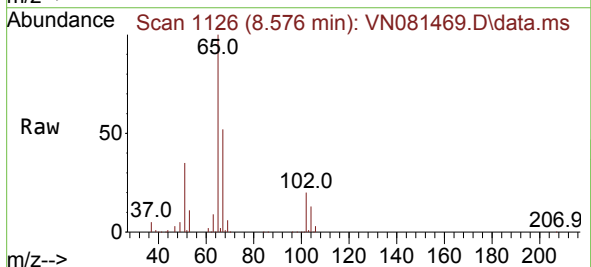
Instrument :
MSVOA_N
ClientSampleId :
1352

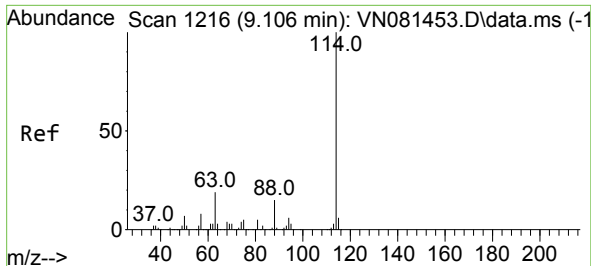
Tgt Ion: 56 Resp: 10820
Ion Ratio Lower Upper
56 100
69 169.8 20.1 30.1#
84 123.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 48.632 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

Tgt Ion: 65 Resp: 296559
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.006 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

1352

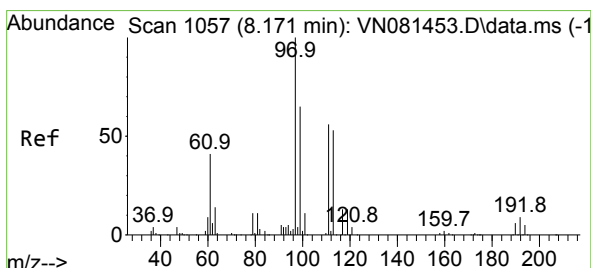
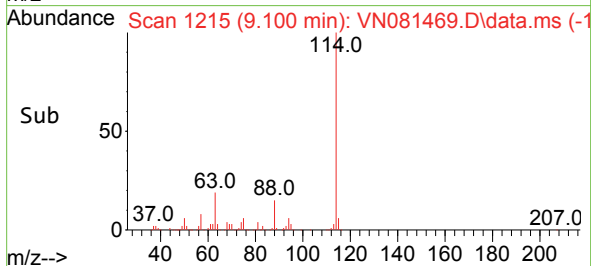
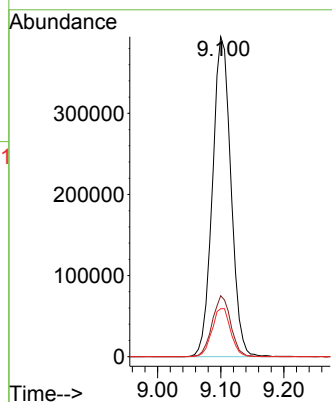
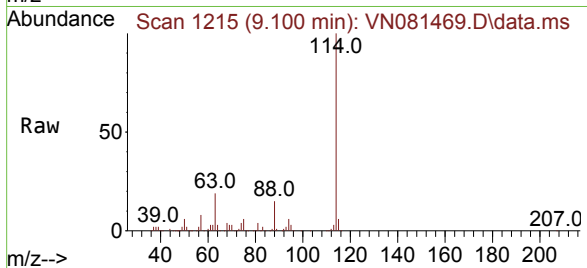
Tgt Ion:114 Resp: 801266

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.100 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

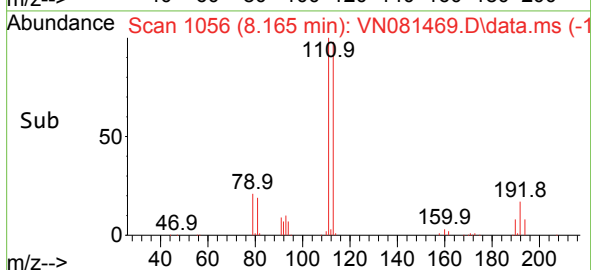
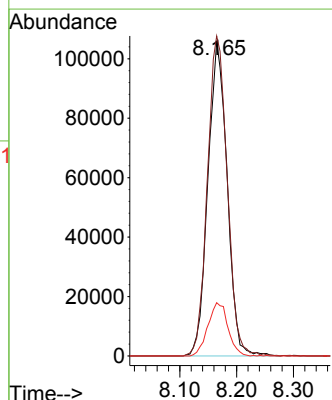
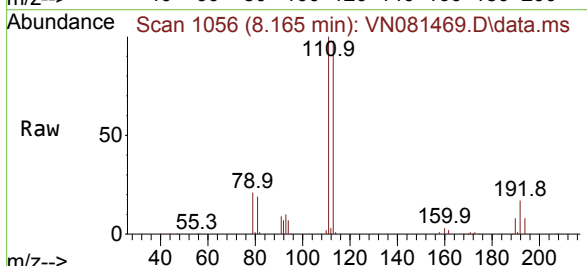
Tgt Ion:113 Resp: 248289

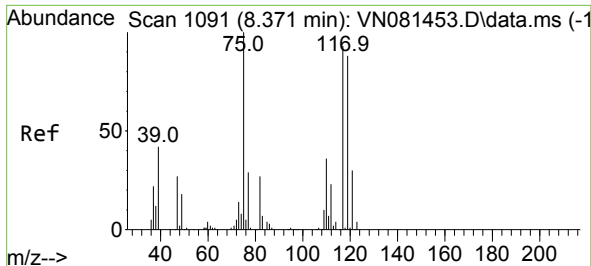
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 17.7 12.5 18.7

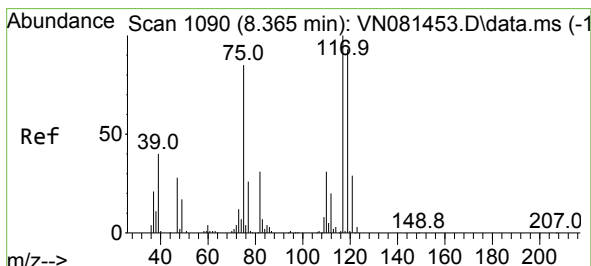
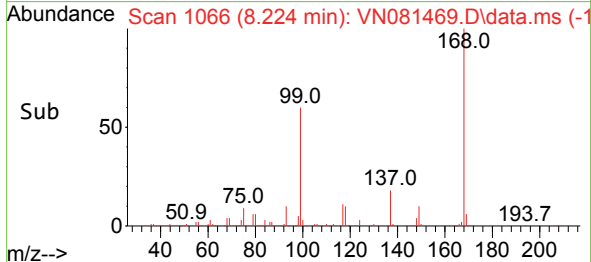
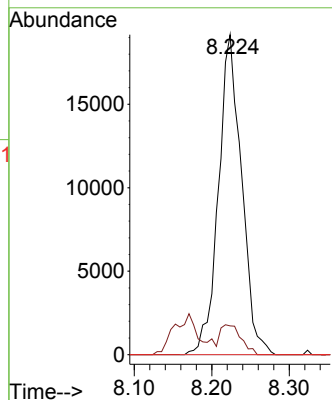
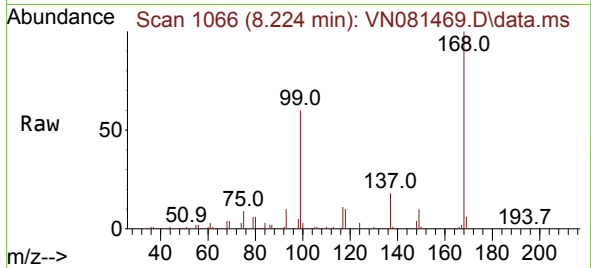




#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

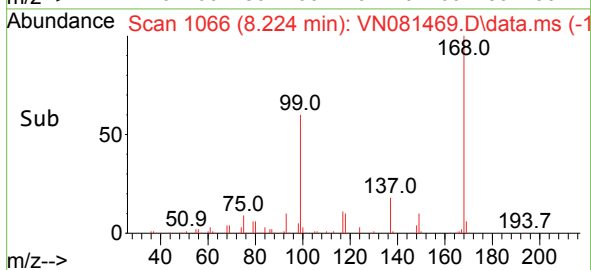
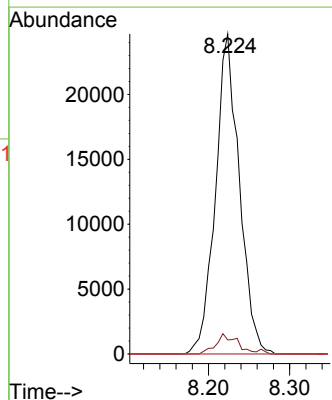
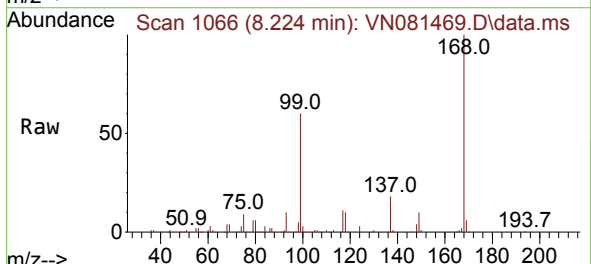
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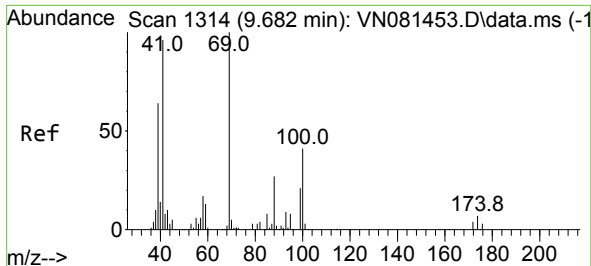
Tgt Ion: 75 Resp: 39741
Ion Ratio Lower Upper
75 100
110 9.7 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.402 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

Tgt Ion: 117 Resp: 50360
Ion Ratio Lower Upper
117 100
119 4.4 73.4 110.2#
121 0.0 24.4 36.6#

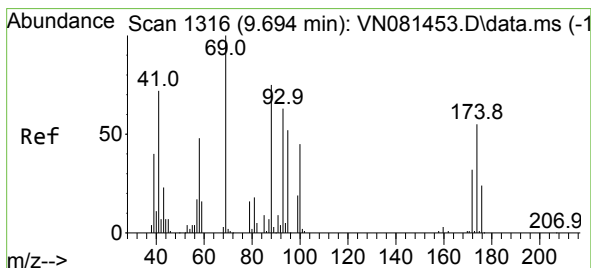
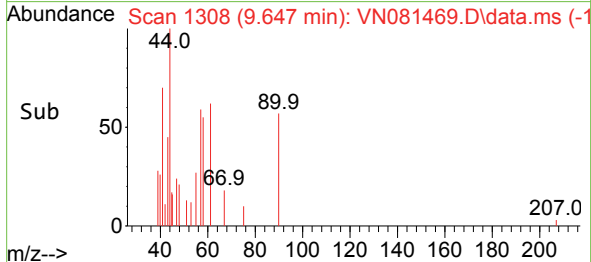
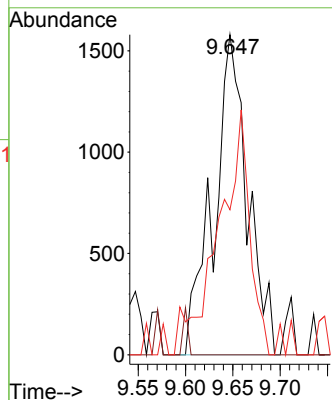
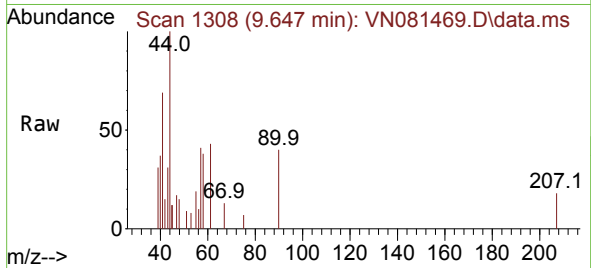




#48
Methyl methacrylate
Concen: 0.701 ug/l
RT: 9.647 min Scan# 1308
Delta R.T. -0.035 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

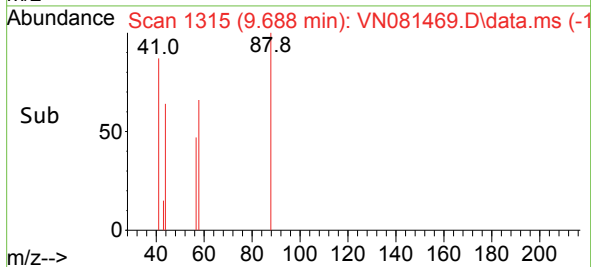
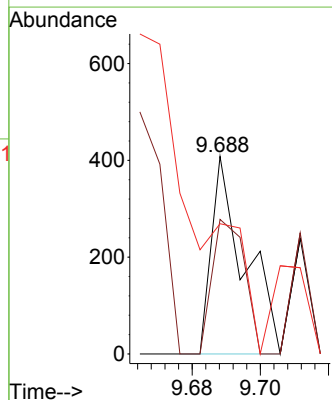
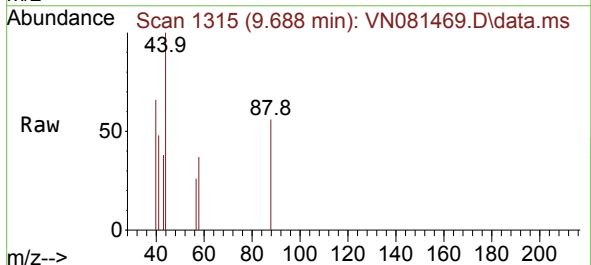
Instrument :
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1352

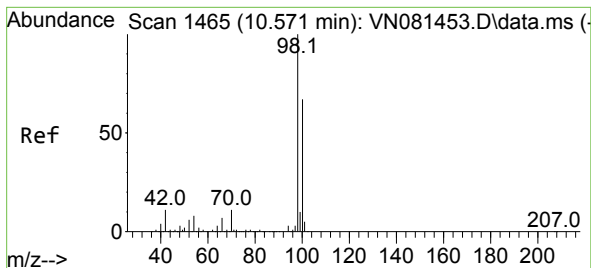
Tgt Ion: 41 Resp: 3906
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 64.0 47.6 71.4



#49
1,4-Dioxane
Concen: 2.039 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN081469.D
Acq: 19 Mar 2024 14:34

Tgt Ion: 88 Resp: 273
Ion Ratio Lower Upper
88 100
43 67.0 30.1 45.1#
58 0.0 63.9 95.9#





#50

Toluene-d8

Concen: 52.040 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

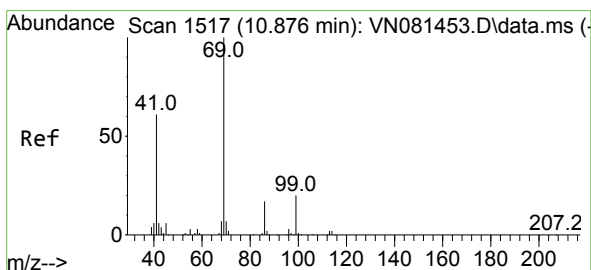
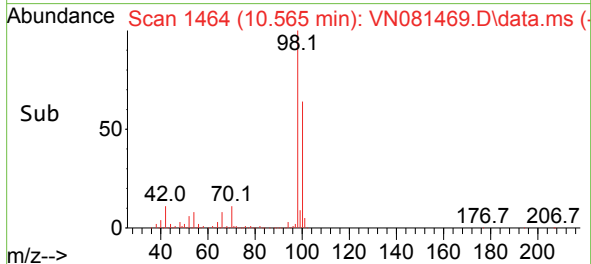
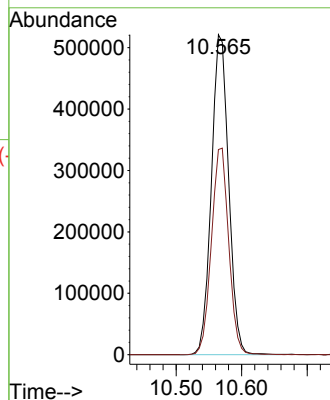
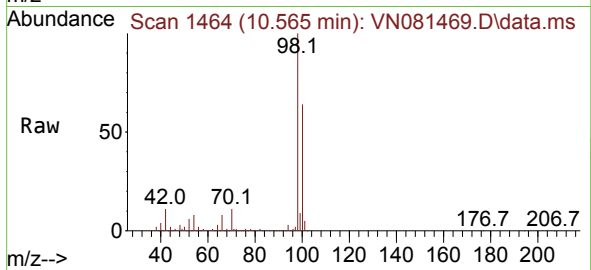
1352

Tgt Ion: 98 Resp: 951285

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



#56

Ethyl methacrylate

Concen: 0.579 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

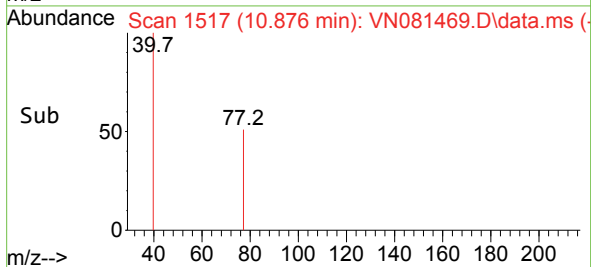
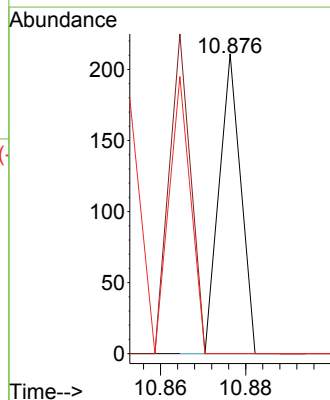
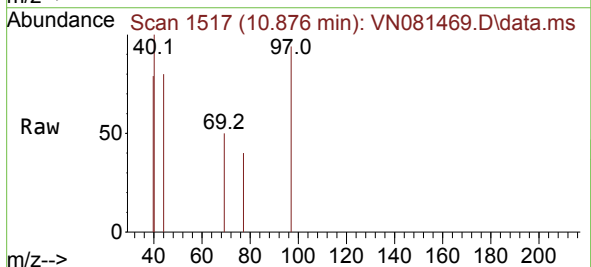
Tgt Ion: 69 Resp: 74

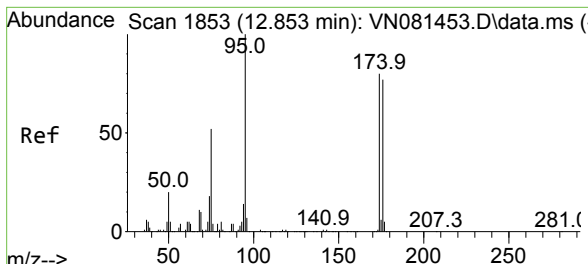
Ion Ratio Lower Upper

69 100

41 106.8 61.0 91.6#

39 0.0 31.8 47.6#

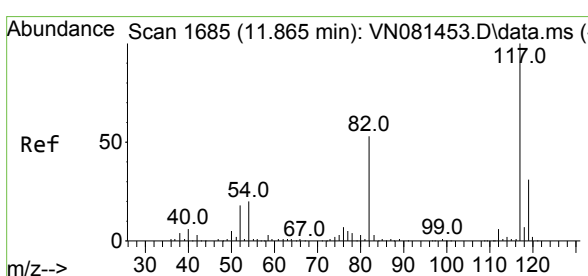
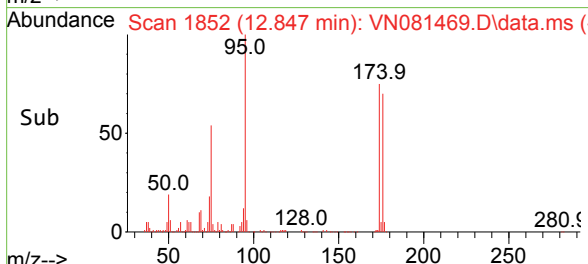
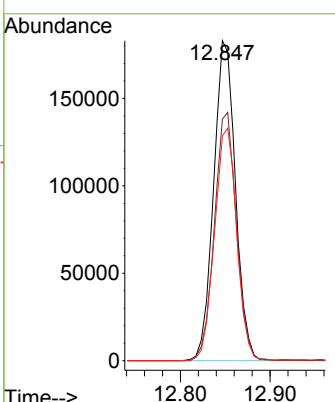
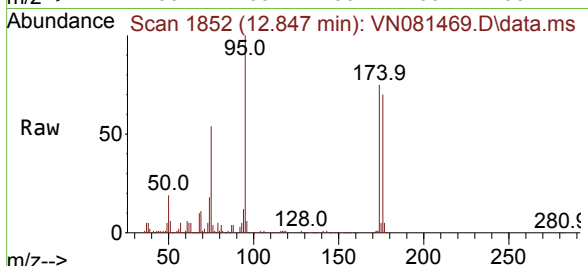




#62
 4-Bromofluorobenzene
 Concen: 47.946 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081469.D
 Acq: 19 Mar 2024 14:34

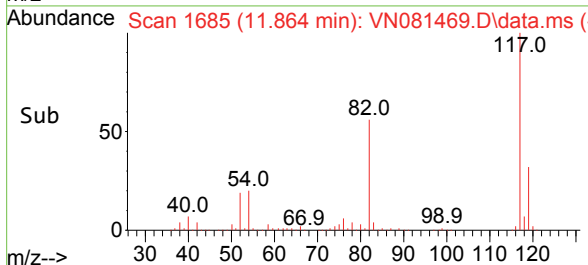
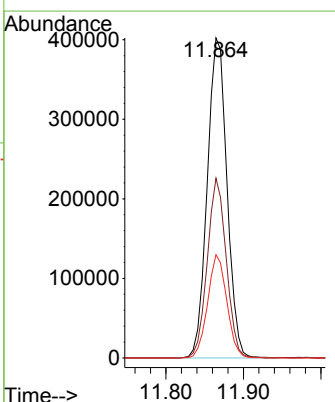
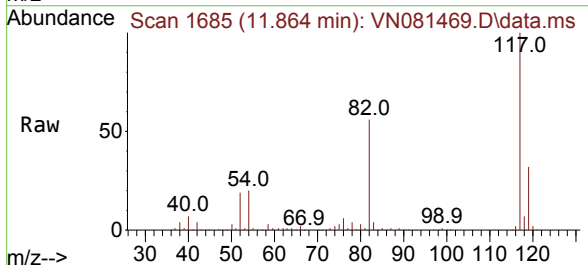
Instrument :
 MSVOA_N
 ClientSampleId :
 1352

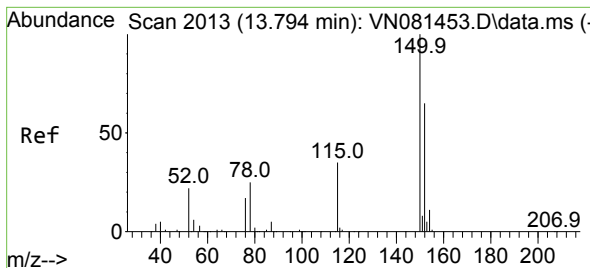
Tgt Ion:	95	Resp:	308823
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	120.4
176	74.0	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.864 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081469.D
 Acq: 19 Mar 2024 14:34

Tgt Ion:	117	Resp:	709905
Ion	Ratio	Lower	Upper
117	100		
82	56.1	52.7	79.1
119	32.2	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

1352

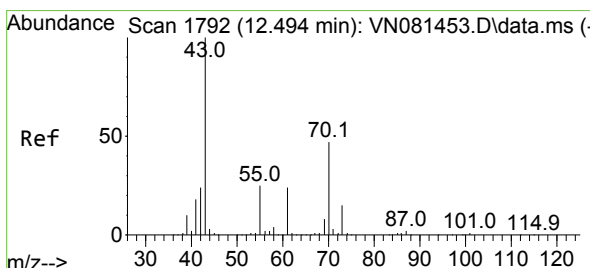
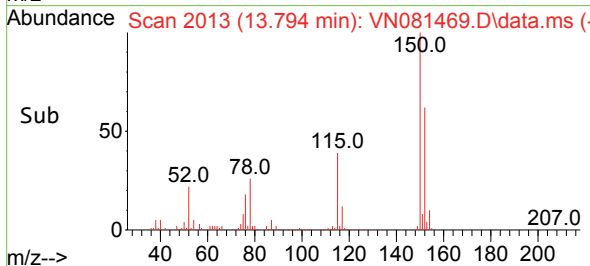
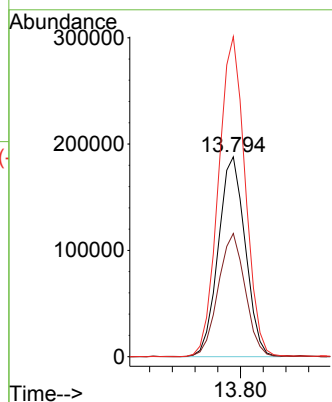
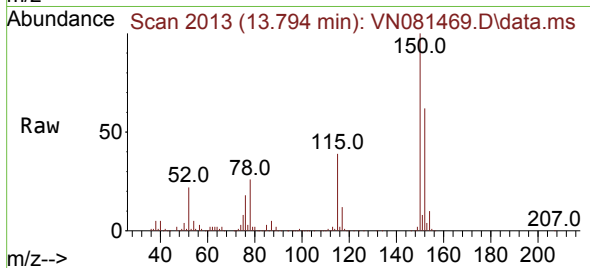
Tgt Ion:152 Resp: 309435

Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 159.2 0.0 339.8



#74

N-ethyl acetate

Concen: 1.950 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.077 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

Tgt Ion: 43 Resp: 18612

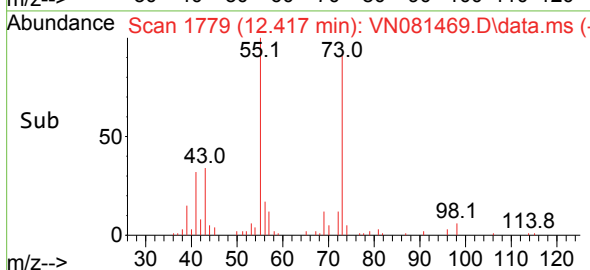
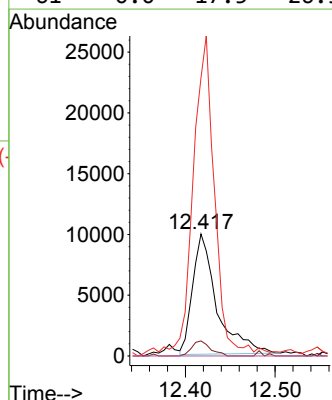
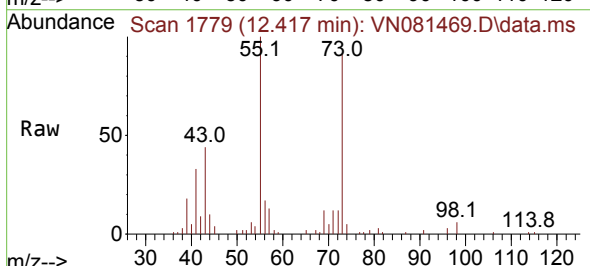
Ion Ratio Lower Upper

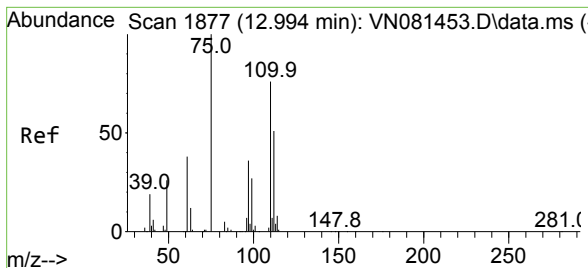
43 100

70 9.6 30.1 45.1#

55 228.5 17.0 25.4#

61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 22.255 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

Instrument :

MSVOA_N

ClientSampleId :

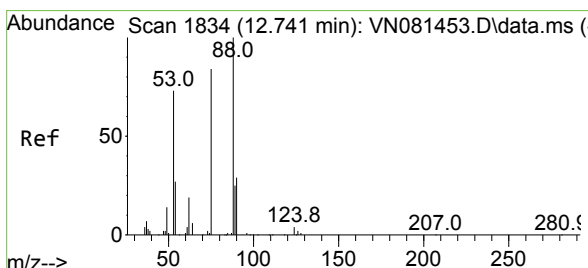
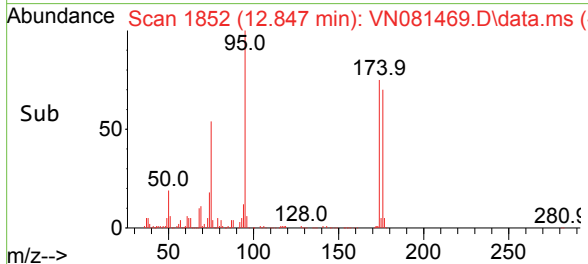
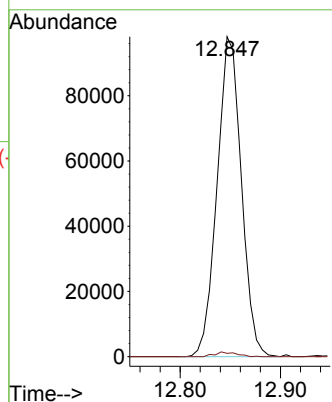
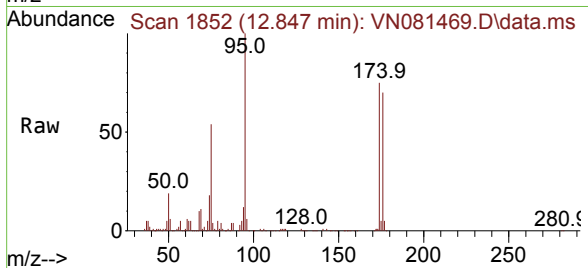
1352

Tgt Ion: 75 Resp: 164729

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.141 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081469.D

Acq: 19 Mar 2024 14:34

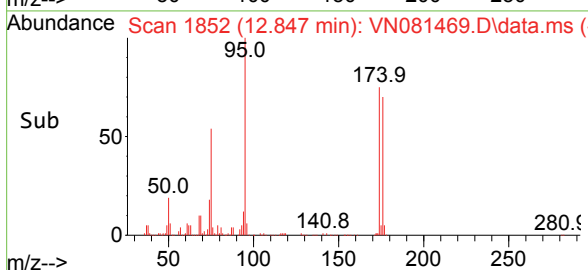
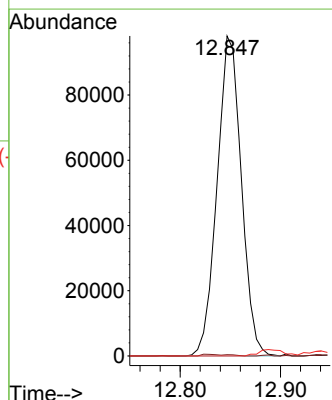
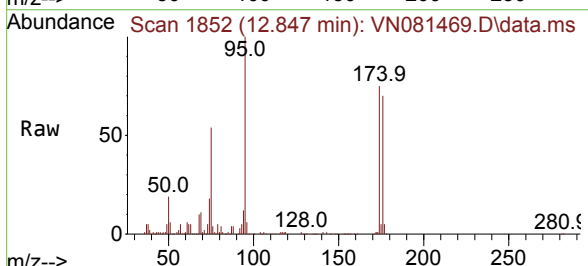
Tgt Ion: 75 Resp: 164729

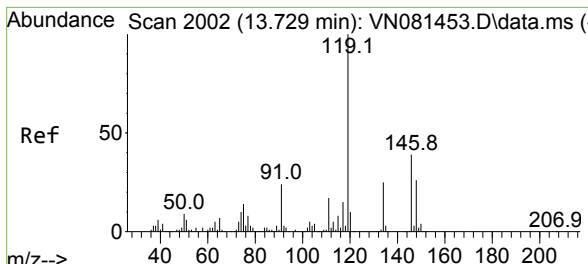
Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

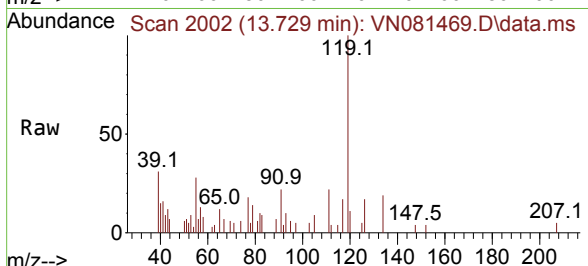
89 0.0 33.4 50.0#





#86
 p-Isopropyltoluene
 Concen: 0.336 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081469.D
 Acq: 19 Mar 2024 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 1352



Tgt Ion:119 Resp: 7377
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.4 37.2
 91 0.0 13.5 40.4#

