

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081445.D
 Acq On : 15 Mar 2024 23:16
 Operator : JC\MD
 Sample : P1775-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Mar 16 01:33:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

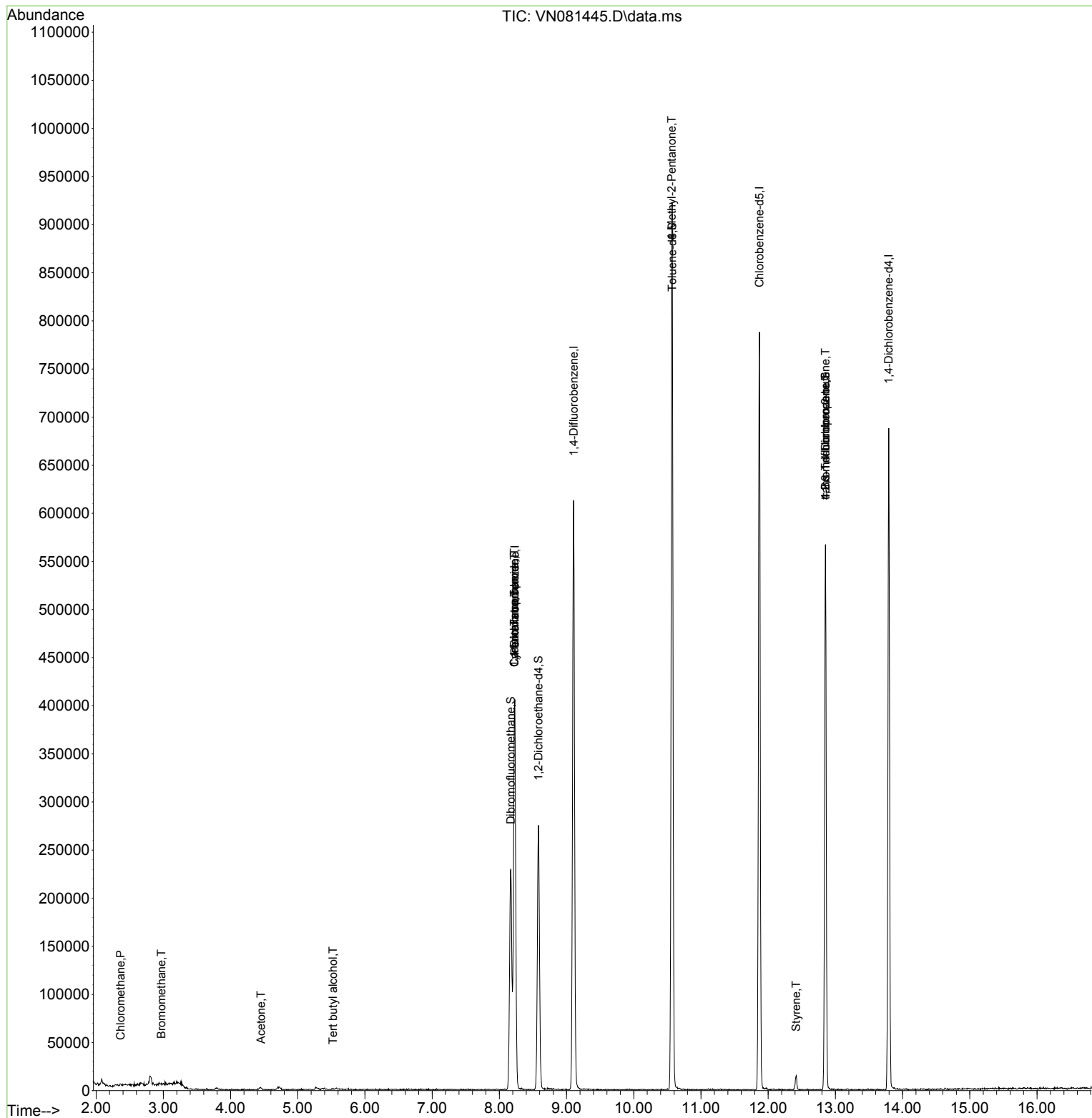
Internal Standards						
1) Pentafluorobenzene	8.230	168	276873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	514514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	439320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217501	54.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.660%		
35) Dibromofluoromethane	8.171	113	164250	52.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 104.220%		
50) Toluene-d8	10.571	98	612531	51.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.960%		
62) 4-Bromofluorobenzene	12.853	95	183265	44.002	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 88.000%		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	1092	0.275	ug/l #	86
5) Bromomethane	2.971	94	605	0.219	ug/l #	55
11) Tert butyl alcohol	5.524	59	312	0.446	ug/l #	72
16) Acetone	4.453	43	4130	2.912	ug/l #	77
20) Methylene Chloride	5.289	84	884	Below Cal	#	42
31) Cyclohexane	8.224	56	8198	1.353	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	27019	5.313	ug/l #	51
38) Carbon Tetrachloride	8.224	117	31759	6.205	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3193	0.632	ug/l #	1
70) Styrene	12.417	104	7686	0.797	ug/l #	84
76) 1,2,3-Trichloropropane	12.853	75	106179	27.287	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	106179	76.153	ug/l #	14

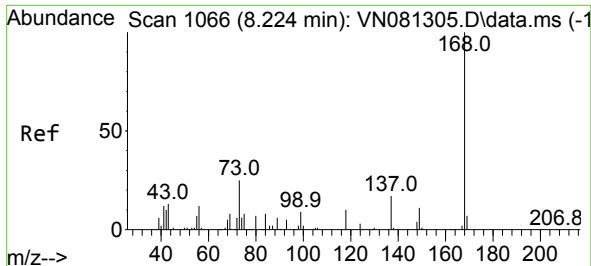
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
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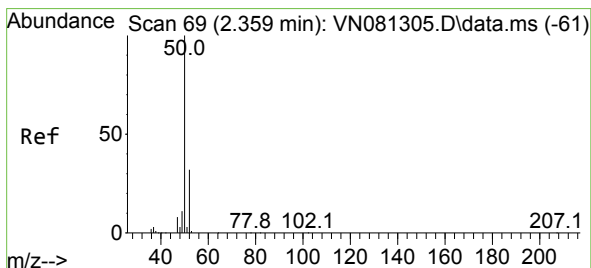
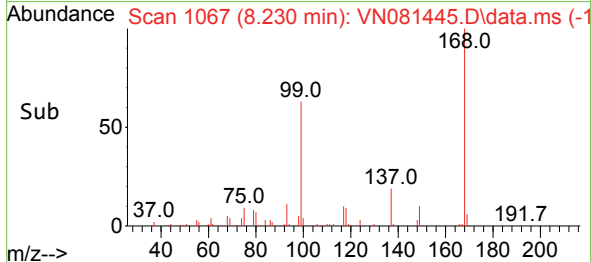
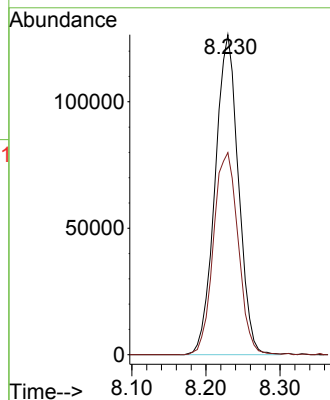
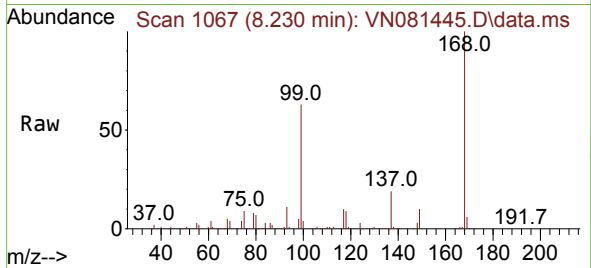




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

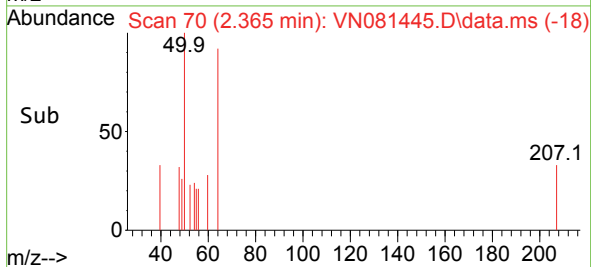
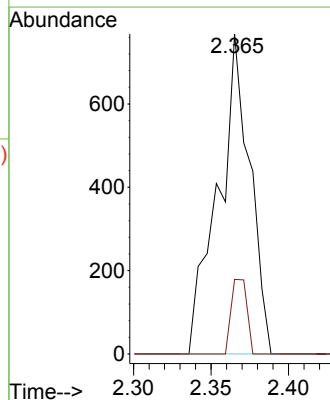
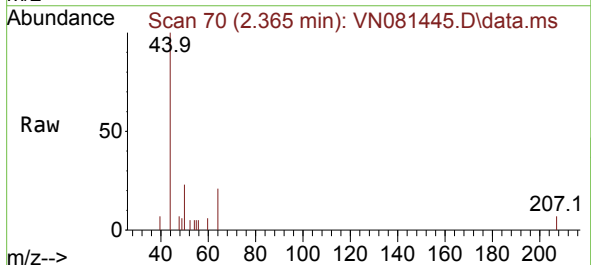
Instrument :
MSVOA_N
ClientSampleId :
TB

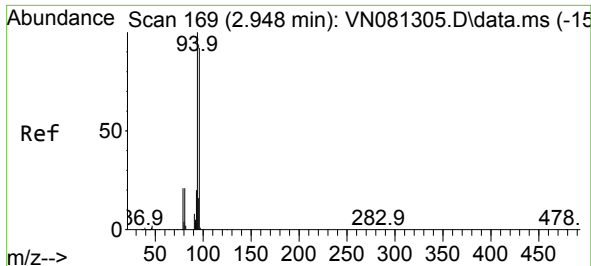
Tgt Ion:168 Resp: 276873
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#3
Chloromethane
Concen: 0.275 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

Tgt Ion: 50 Resp: 1092
Ion Ratio Lower Upper
50 100
52 23.3 25.0 37.4#

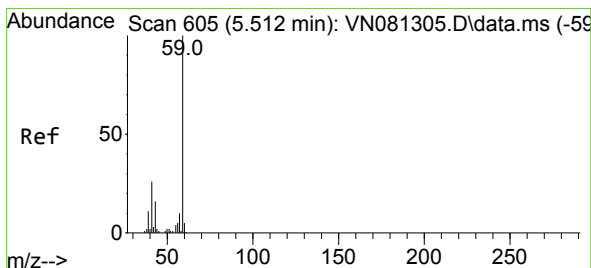
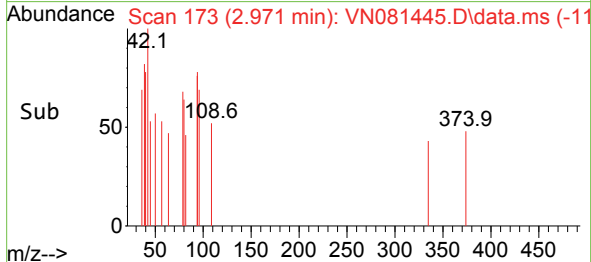
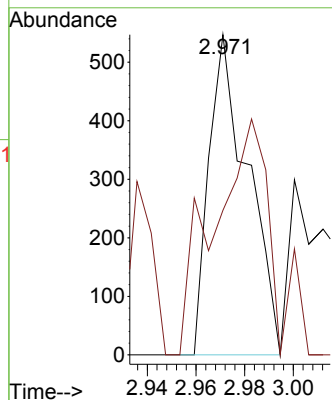
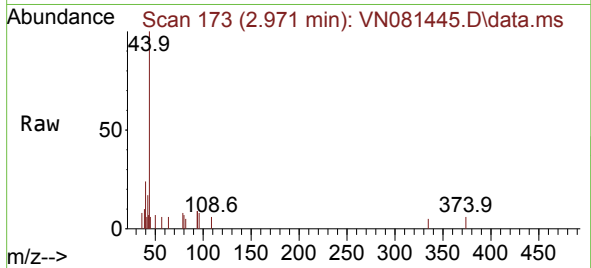




#5
Bromomethane
Concen: 0.219 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

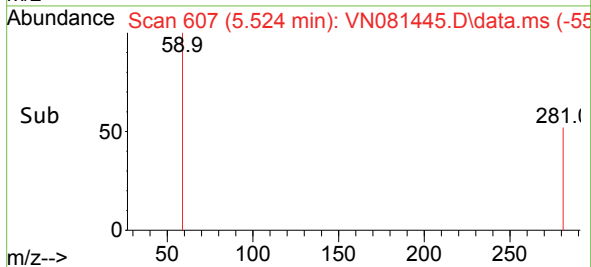
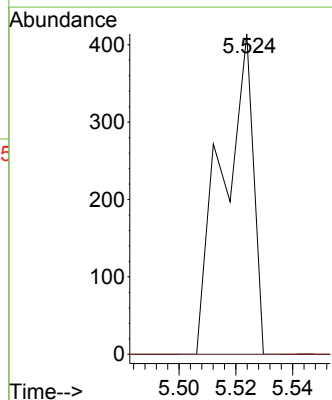
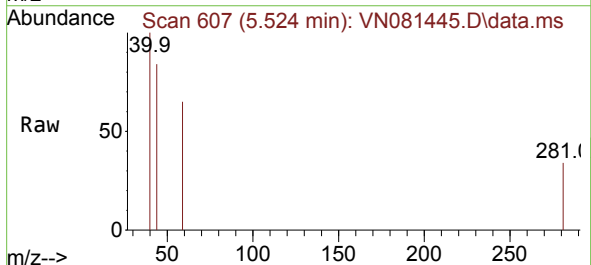
Instrument :
MSVOA_N
ClientSampleId :
TB

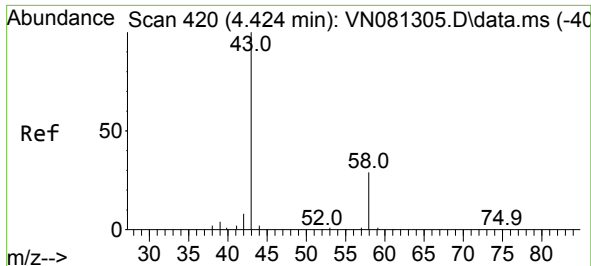
Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 45.2 69.2 103.8#



#11
Tert butyl alcohol
Concen: 0.446 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#16

Acetone

Concen: 2.912 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.029 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

Instrument :

MSVOA_N

ClientSampleId :

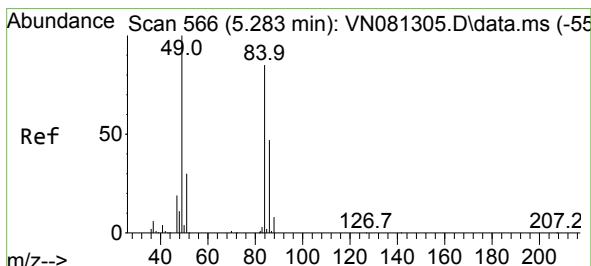
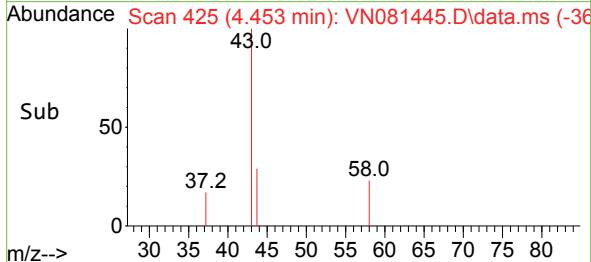
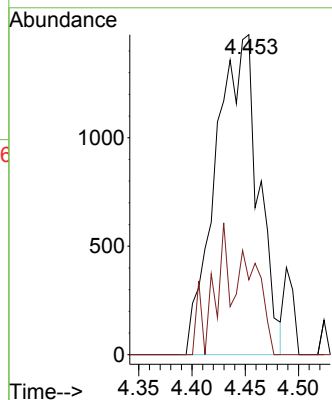
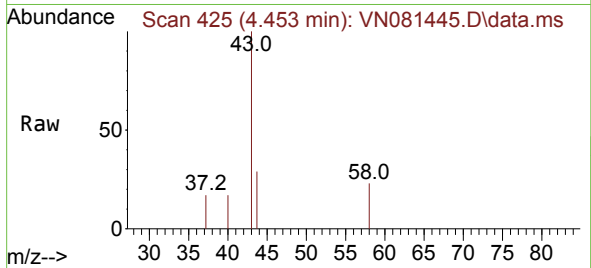
TB

Tgt Ion: 43 Resp: 4130

Ion Ratio Lower Upper

43 100

58 18.2 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

Tgt Ion: 84 Resp: 884

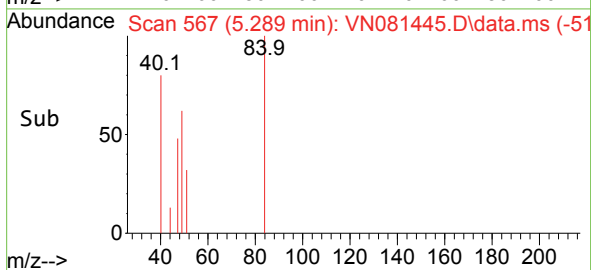
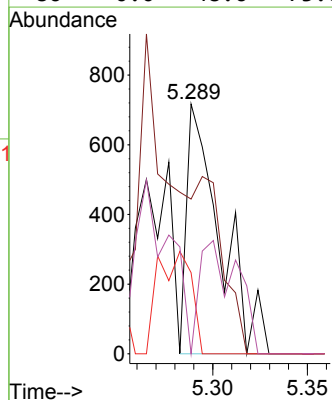
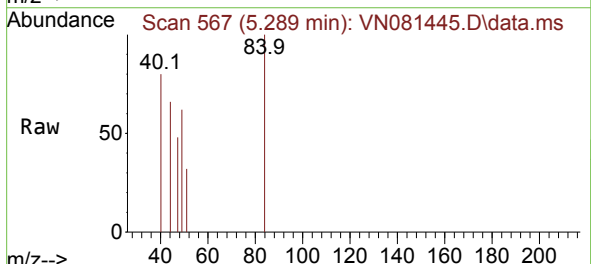
Ion Ratio Lower Upper

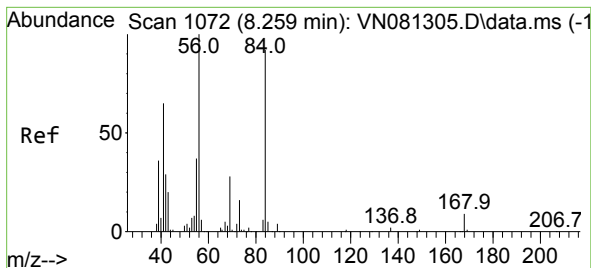
84 100

49 61.9 108.1 162.1#

51 32.5 32.9 49.3#

86 0.0 48.6 73.0#





#31

Cyclohexane

Concen: 1.353 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

Instrument :

MSVOA_N

ClientSampleId :

TB

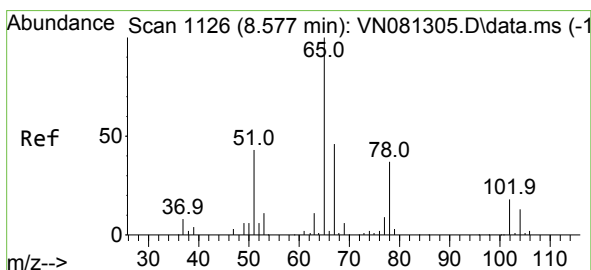
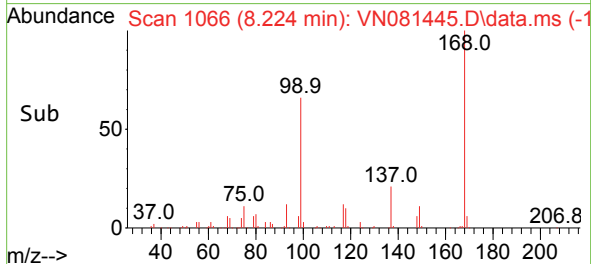
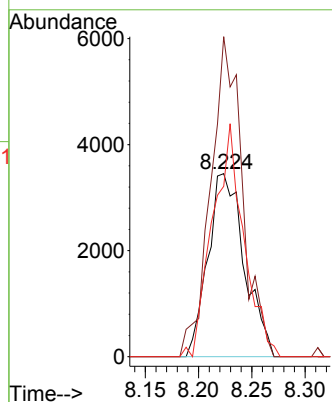
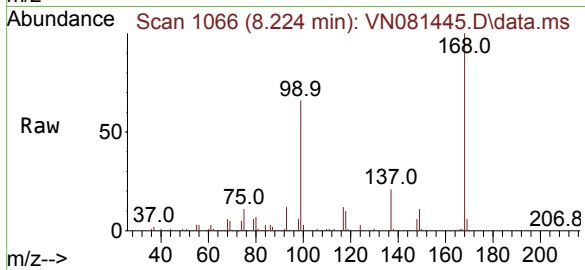
Tgt Ion: 56 Resp: 8198

Ion Ratio Lower Upper

56 100

69 174.8 20.1 30.1#

84 93.1 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 54.331 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081445.D

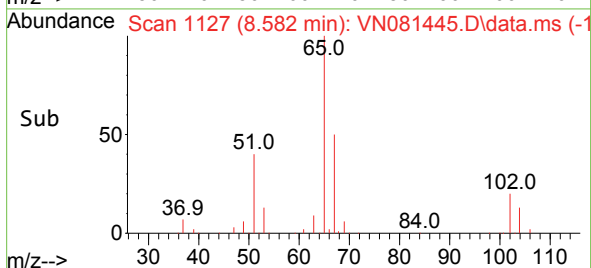
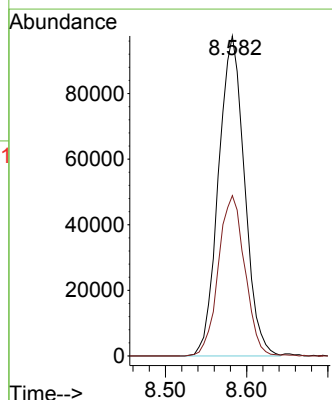
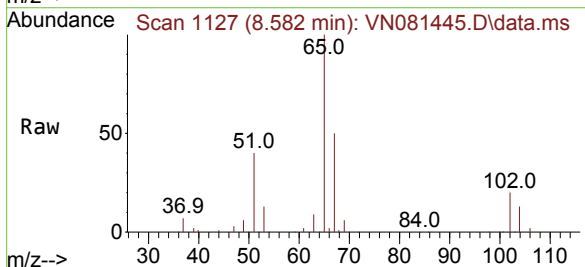
Acq: 15 Mar 2024 23:16

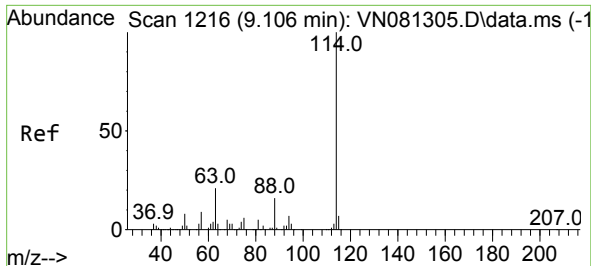
Tgt Ion: 65 Resp: 217501

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4

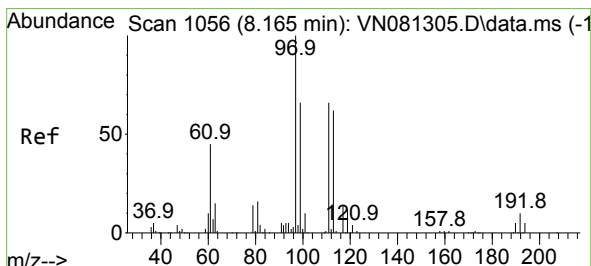
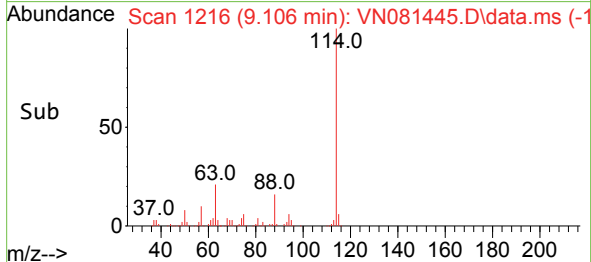
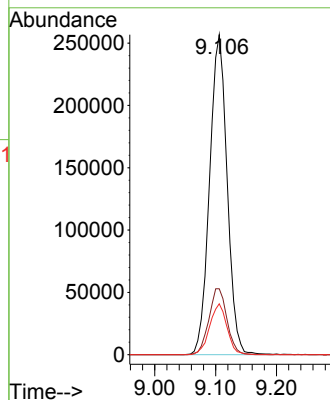
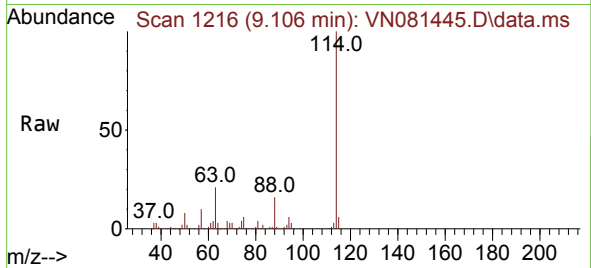




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

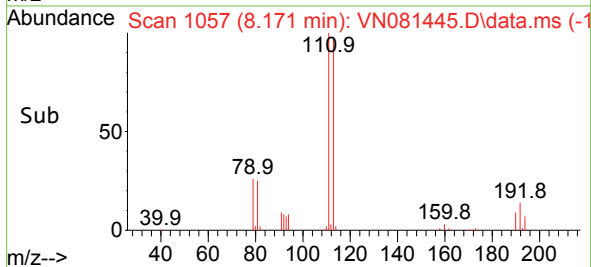
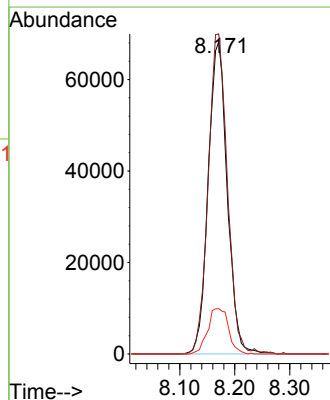
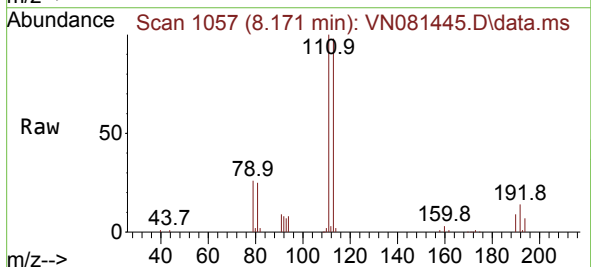
Instrument :
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TB

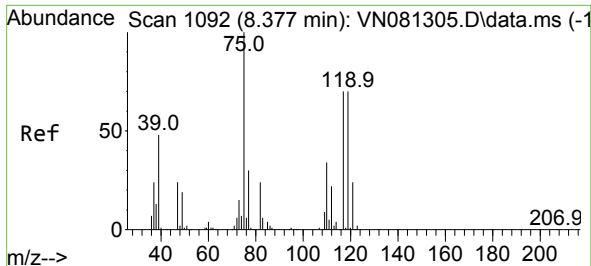
Tgt Ion:114 Resp: 514514
Ion Ratio Lower Upper
114 100
63 20.6 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.106 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

Tgt Ion:113 Resp: 164250
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 15.9 12.5 18.7

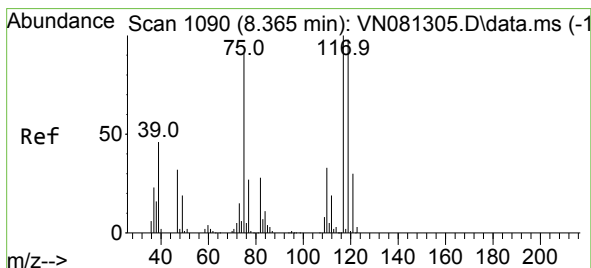
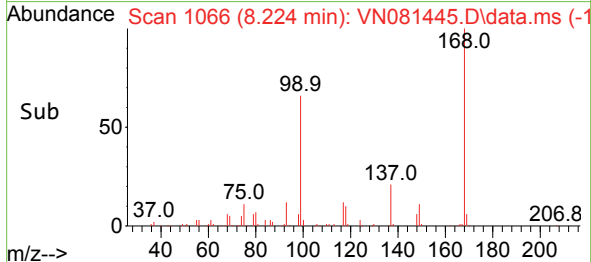
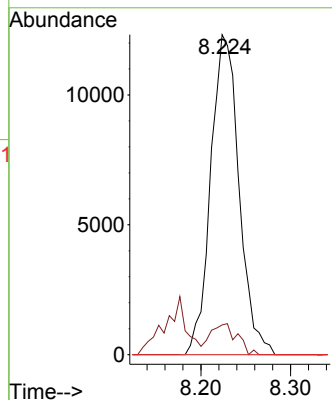
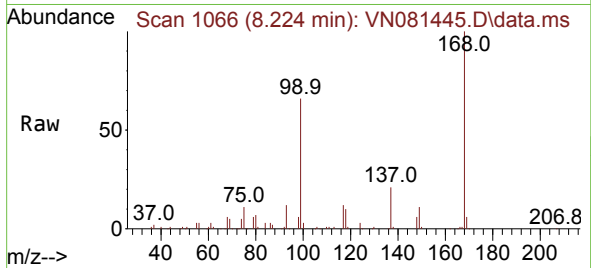




#36
1,1-Dichloropropene
Concen: 5.313 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

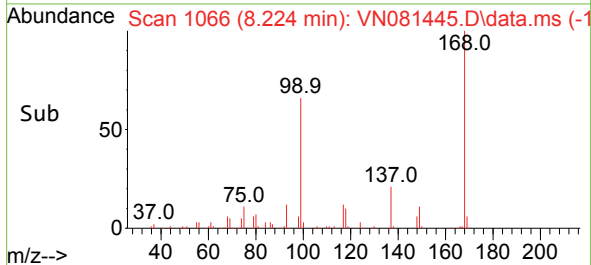
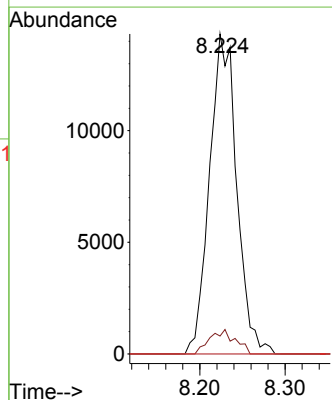
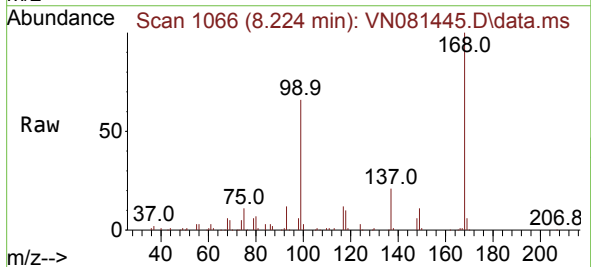
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ClientSampleId :
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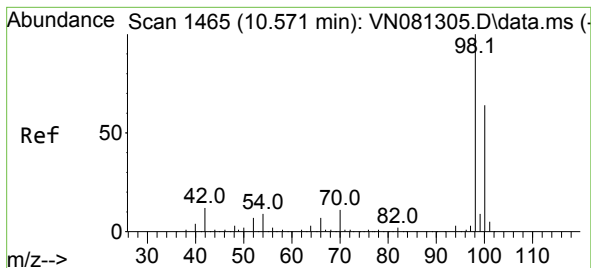
Tgt Ion: 75 Resp: 27019
Ion Ratio Lower Upper
75 100
110 9.1 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

Tgt Ion: 117 Resp: 31759
Ion Ratio Lower Upper
117 100
119 5.6 73.4 110.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 51.980 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

Instrument :

MSVOA_N

ClientSampleId :

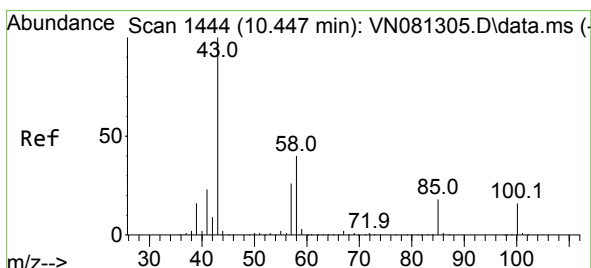
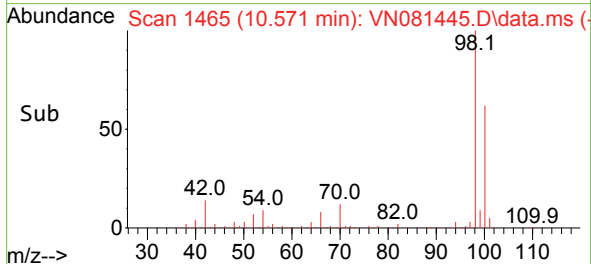
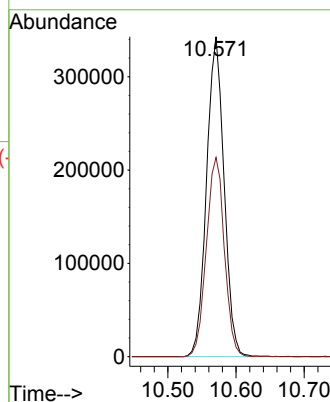
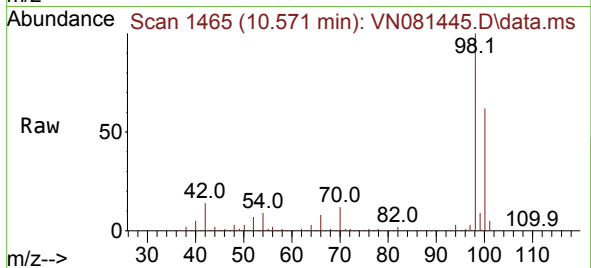
TB

Tgt Ion: 98 Resp: 612531

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.632 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN081445.D

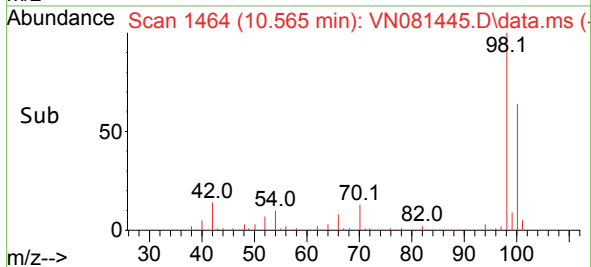
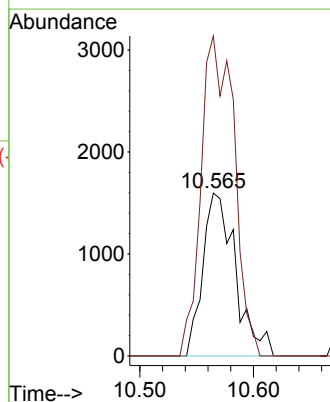
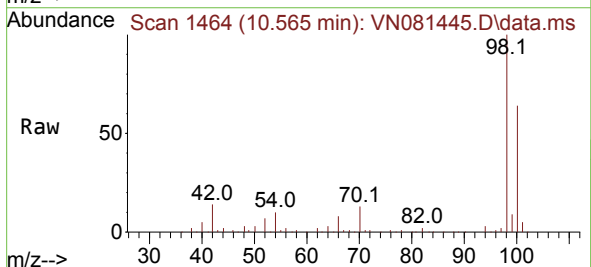
Acq: 15 Mar 2024 23:16

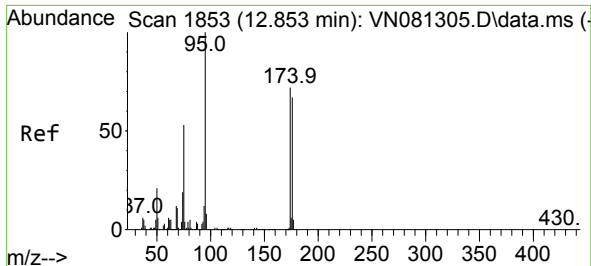
Tgt Ion: 43 Resp: 3193

Ion Ratio Lower Upper

43 100

58 199.4 29.4 44.0#

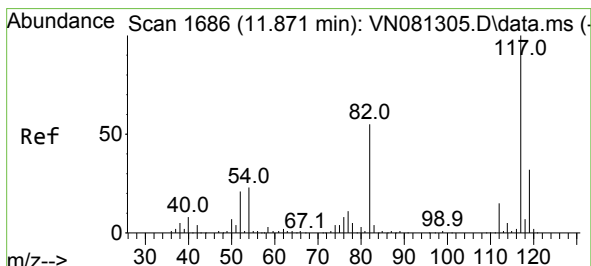
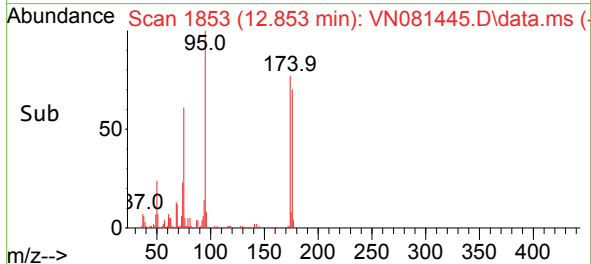
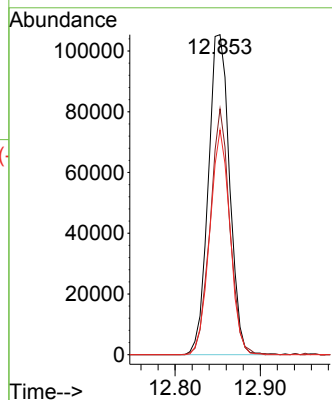
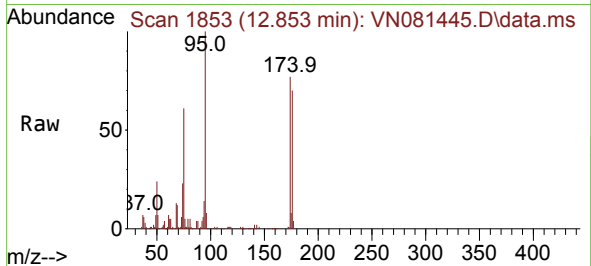




#62
4-Bromofluorobenzene
Concen: 44.002 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

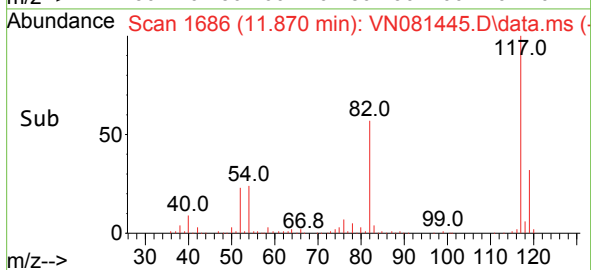
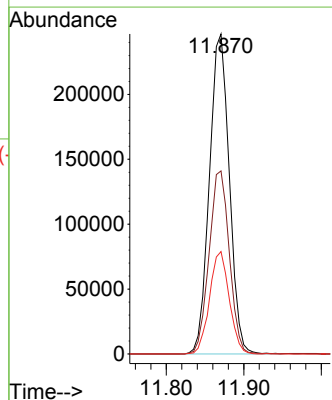
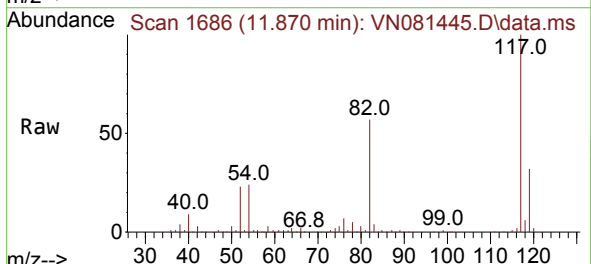
Instrument :
MSVOA_N
ClientSampleId :
TB

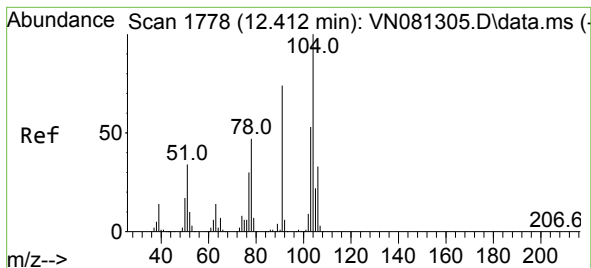
Tgt Ion: 95 Resp: 183265
Ion Ratio Lower Upper
95 100
174 71.1 0.0 120.4
176 66.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081445.D
Acq: 15 Mar 2024 23:16

Tgt Ion: 117 Resp: 439320
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 32.0 25.3 37.9





#70

Styrene

Concen: 0.797 ug/l

RT: 12.417 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

Instrument :

MSVOA_N

ClientSampleId :

TB

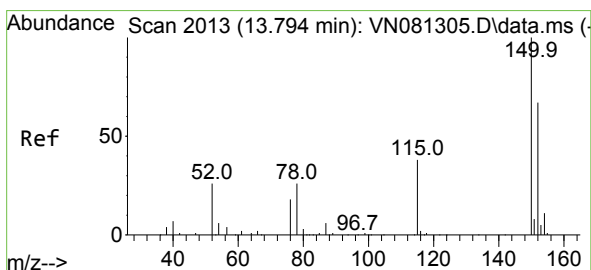
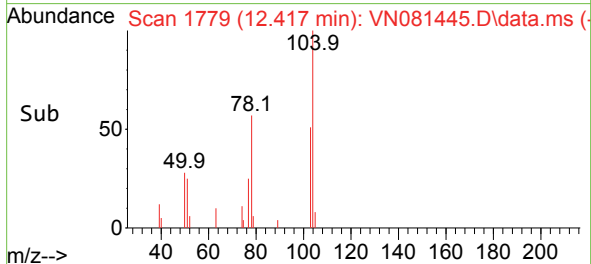
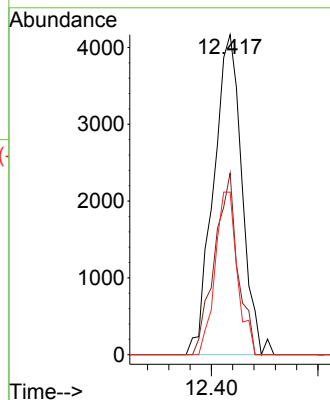
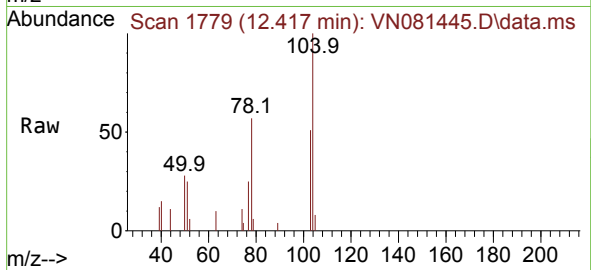
Tgt Ion:104 Resp: 7686

Ion Ratio Lower Upper

104 100

78 46.5 43.8 65.8

103 39.8 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

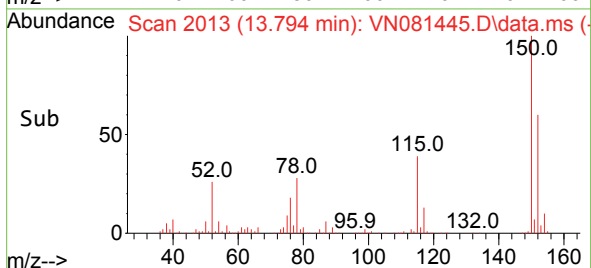
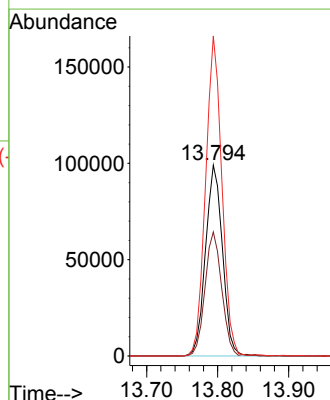
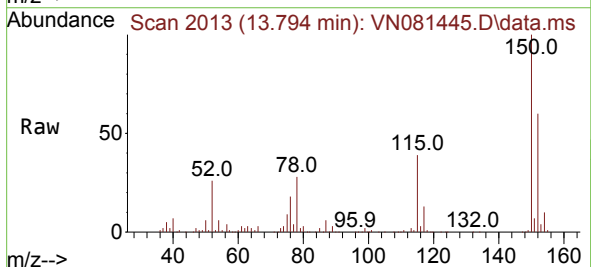
Tgt Ion:152 Resp: 164744

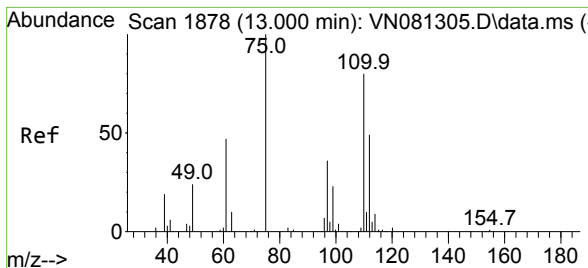
Ion Ratio Lower Upper

152 100

115 64.1 32.3 96.8

150 160.9 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 27.287 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

Instrument :

MSVOA_N

ClientSampleId :

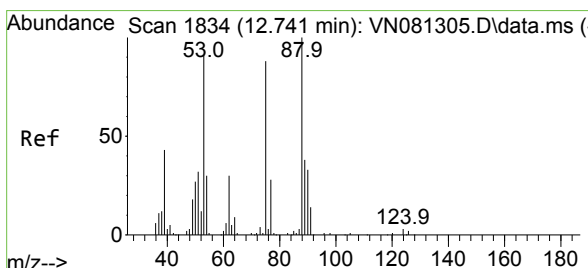
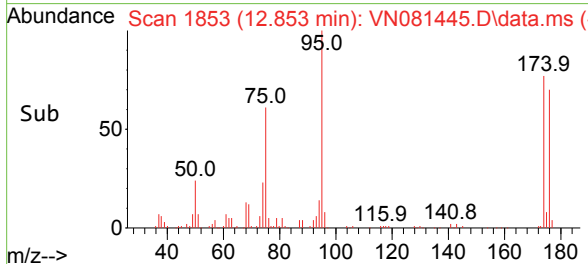
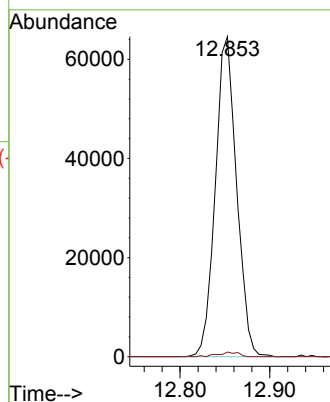
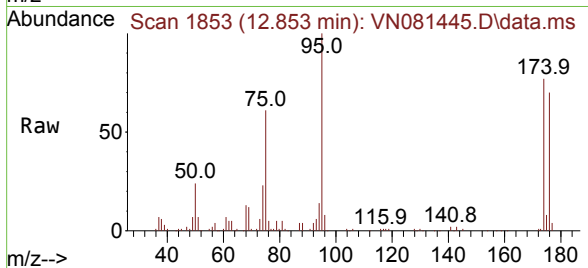
TB

Tgt Ion: 75 Resp: 106179

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.153 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081445.D

Acq: 15 Mar 2024 23:16

Tgt Ion: 75 Resp: 106179

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

