

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080971.D
 Acq On : 08 Feb 2024 18:10
 Operator : JC\MD
 Sample : P1372-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 01:25:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	368846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	806917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	718742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	343189	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.600	65	368768	79.254	ug/l	0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	= 158.500%#	
35) Dibromofluoromethane	8.165	113	201718	46.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.180%	
50) Toluene-d8	10.571	98	771621	49.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.853	95	297817	52.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.680%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	3730	Below Cal	96	
5) Bromomethane	2.971	94	1437	0.409	ug/l	90
6) Chloroethane	3.118	64	1256	0.326	ug/l #	42
11) Tert butyl alcohol	5.524	59	6581	10.265	ug/l #	93
13) Acrolein	4.171	56	344	0.426	ug/l #	15
14) Allyl chloride	5.141	41	9744	1.860	ug/l #	23
16) Acetone	4.436	43	7046	4.603	ug/l	93
17) Carbon Disulfide	4.706	76	2539	0.255	ug/l #	78
18) Methyl Acetate	5.030	43	830	Below Cal	97	
25) 2-Butanone	7.512	43	1941	0.790	ug/l #	51
29) Tetrahydrofuran	8.006	42	478	0.318	ug/l #	48
31) Cyclohexane	8.230	56	11936	1.877	ug/l #	3
36) 1,1-Dichloropropene	8.612	75	6644554	1031.534	ug/l #	43
37) Ethyl Acetate	7.512	43	1941	0.398	ug/l #	70
38) Carbon Tetrachloride	8.224	117	43844	6.640	ug/l #	17
39) Methylcyclohexane	9.600	83	3674	0.512	ug/l #	87
42) 1,2-Dichloroethane	8.618	62	3127047	458.043	ug/l	75
43) Isopropyl Acetate	8.659	43	7146	0.797	ug/l #	57
48) Methyl methacrylate	9.653	41	1294	0.256	ug/l #	10
51) 4-Methyl-2-Pentanone	10.441	43	1474	0.273	ug/l #	38
52) Toluene	10.635	92	1512497	115.164	ug/l	98
55) 1,1,2-Trichloroethane	10.888	97	215605	42.474	ug/l #	16
56) Ethyl methacrylate	10.888	69	14495	2.387	ug/l #	21
59) 2-Hexanone	11.323	43	1711	0.418	ug/l	90
65) Chlorobenzene	12.041	112	42757	2.839	ug/l #	54
67) Ethyl Benzene	12.082	91	8559776	329.883	ug/l #	60
68) m/p-Xylenes	12.082	106	4346487	440.903	ug/l	91
69) o-Xylene	12.400	106	3760694	393.142	ug/l	91
70) Styrene	12.412	104	790012	55.028	ug/l #	36
73) Isopropylbenzene	12.700	105	1872928	70.172	ug/l	97
76) 1,2,3-Trichloropropane	13.035	75	5137	0.734	ug/l #	1
78) n-propylbenzene	13.041	91	774268	25.694	ug/l	94
79) 2-Chlorotoluene	13.135	91	449102	23.583	ug/l #	48
80) 1,3,5-Trimethylbenzene	13.176	105	944110	43.519	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.694	75	22023	8.551	ug/l #	65
82) 4-Chlorotoluene	13.176	91	100549	5.292	ug/l #	44

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Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

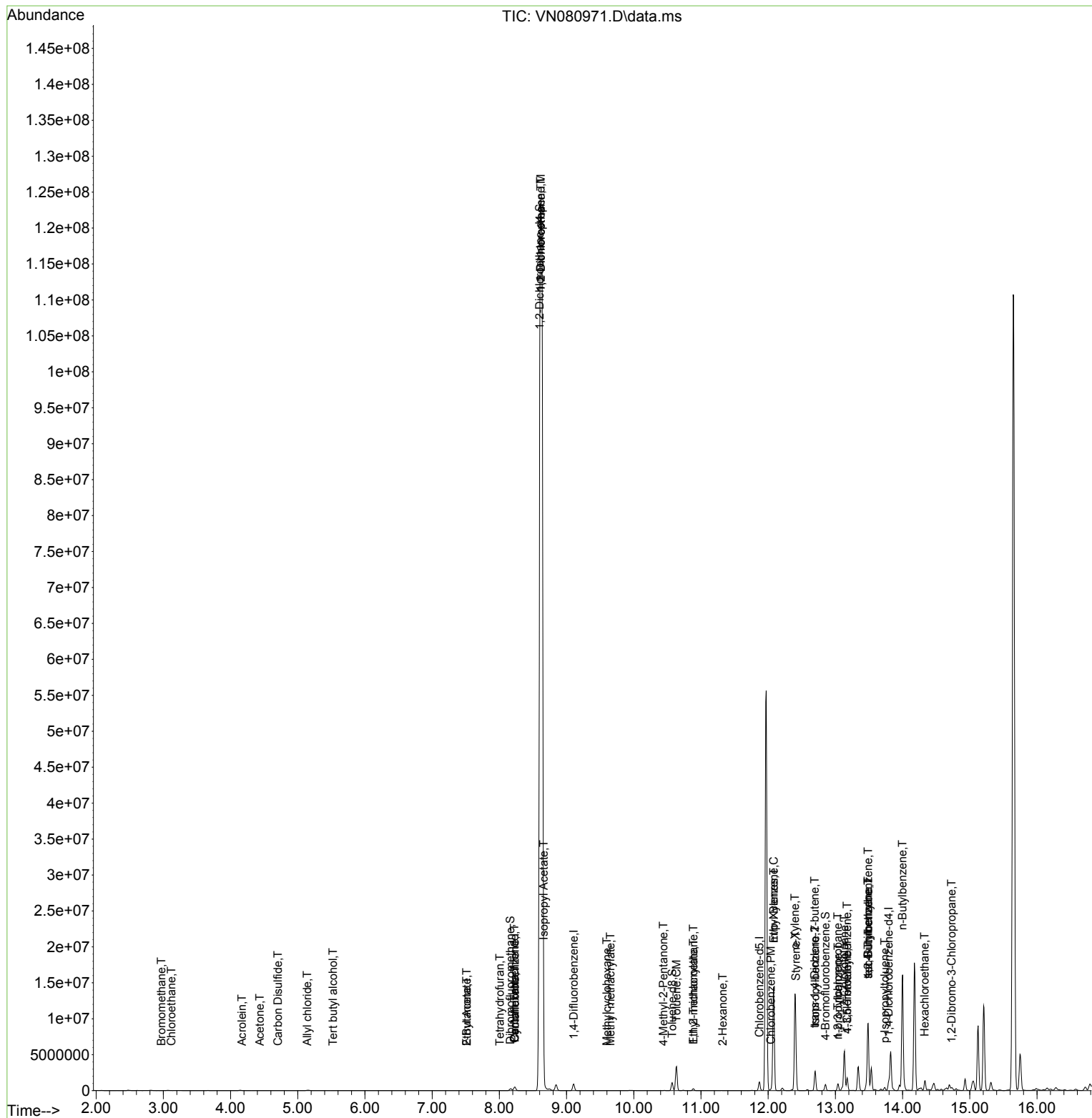
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.488	119	708377	38.307	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.488	105	5618962	260.050	ug/l	93
85) sec-Butylbenzene	13.488	105	5618962	226.123	ug/l #	60
86) p-Isopropyltoluene	13.735	119	165522	7.882	ug/l	93
89) n-Butylbenzene	14.000	91	1487915	80.210	ug/l #	43
90) Hexachloroethane	14.329	117	95339	28.792	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.729	75	4925	3.171	ug/l #	13

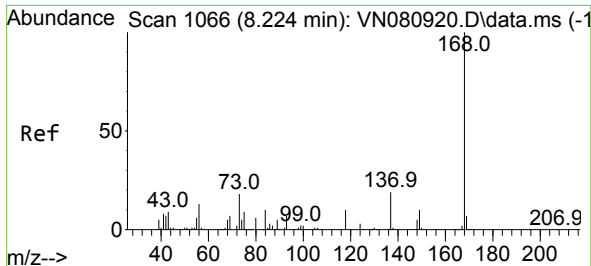
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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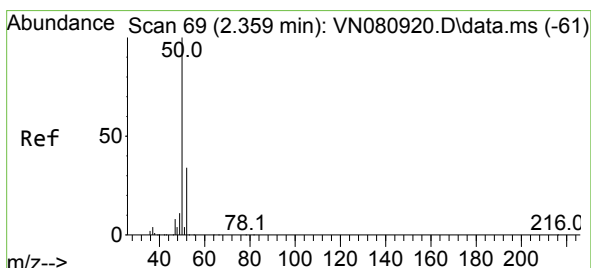
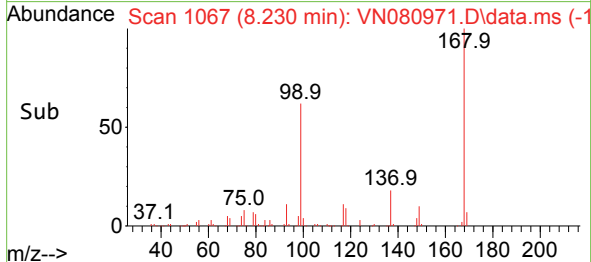
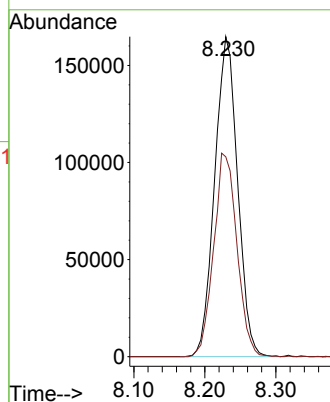
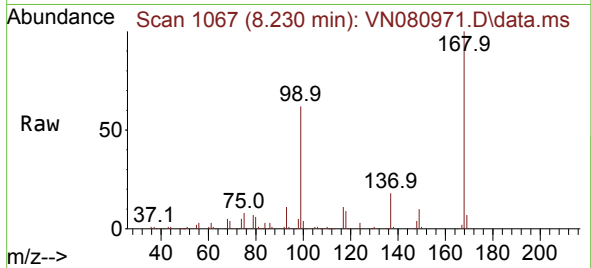




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

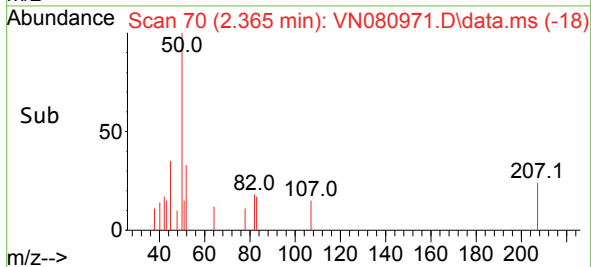
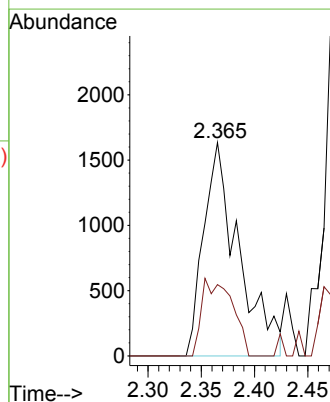
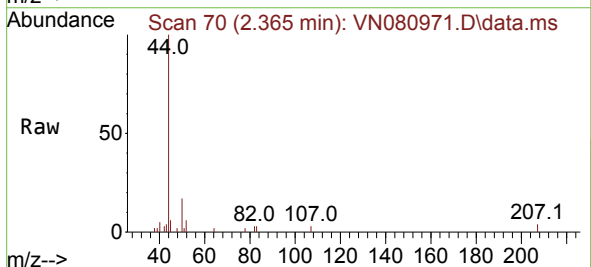
Instrument :
MSVOA_N
ClientSampleId :

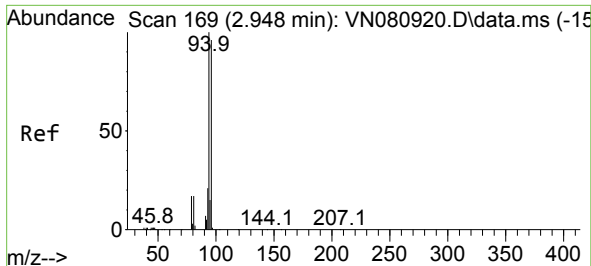
Tgt Ion:168 Resp: 368846
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 50 Resp: 3730
Ion Ratio Lower Upper
50 100
52 33.4 25.0 37.4

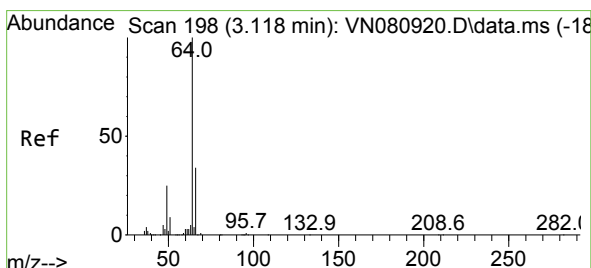
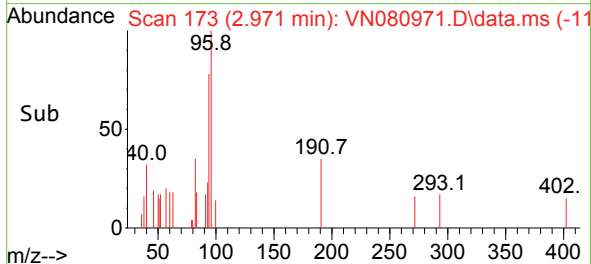
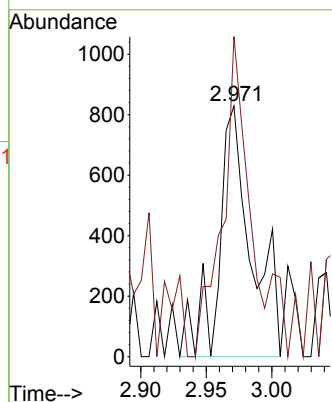
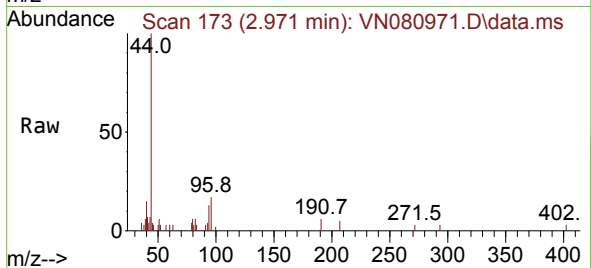




#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

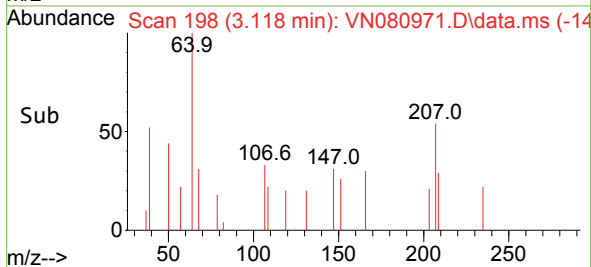
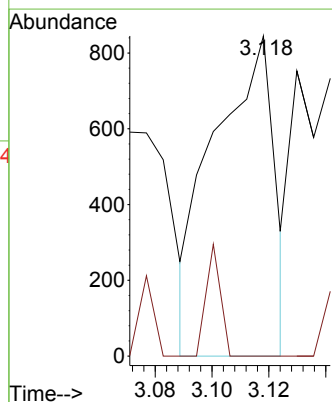
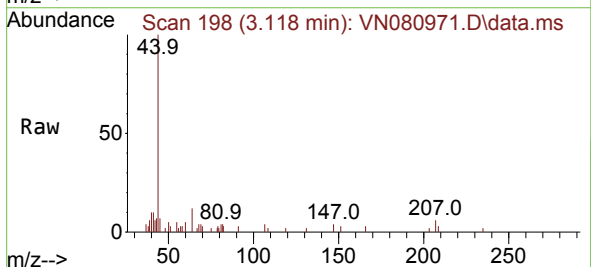
Instrument :
MSVOA_N
ClientSampleId :

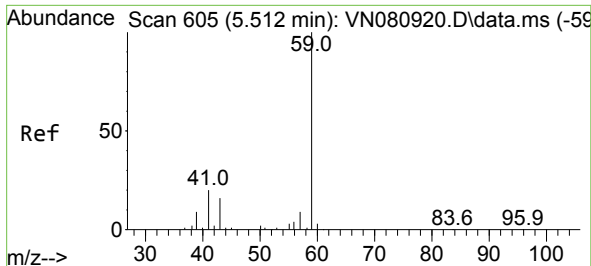
Tgt Ion: 94 Resp: 1437
Ion Ratio Lower Upper
94 100
96 96.0 69.2 103.8



#6
Chloroethane
Concen: 0.326 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

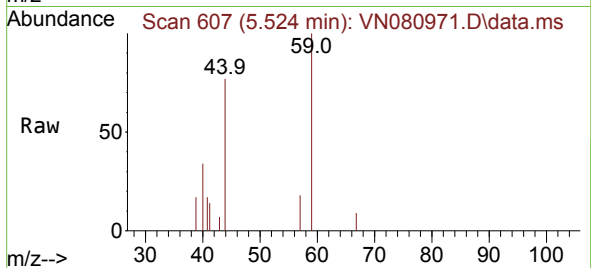
Tgt Ion: 64 Resp: 1256
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



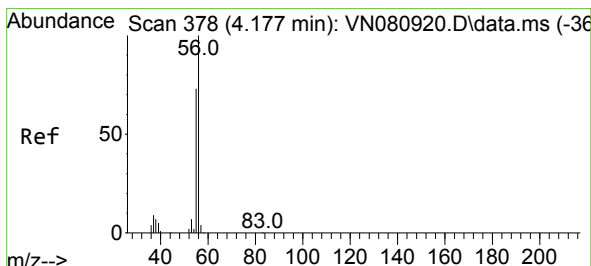
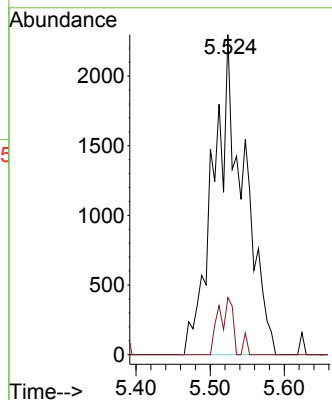
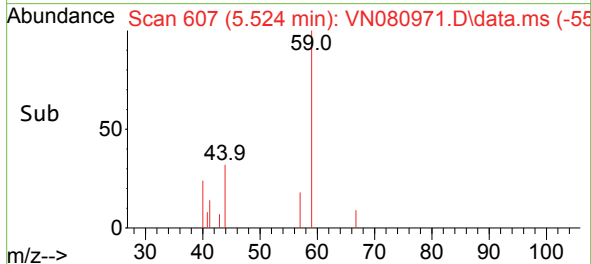


#11
Tert butyl alcohol
Concen: 10.265 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

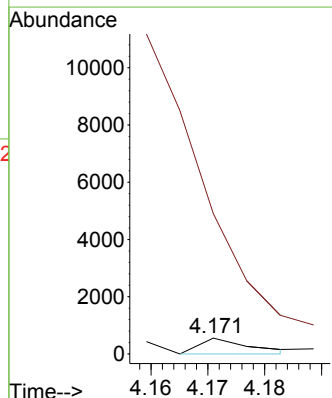
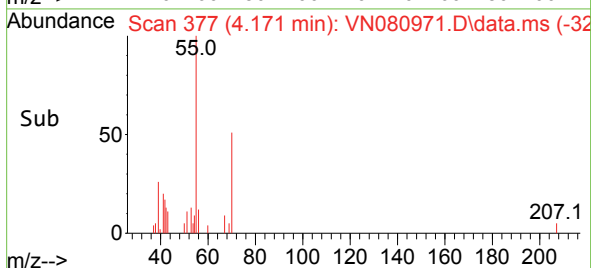
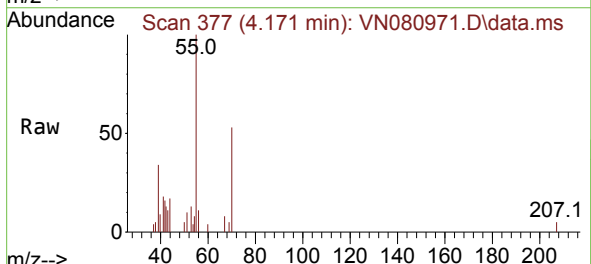


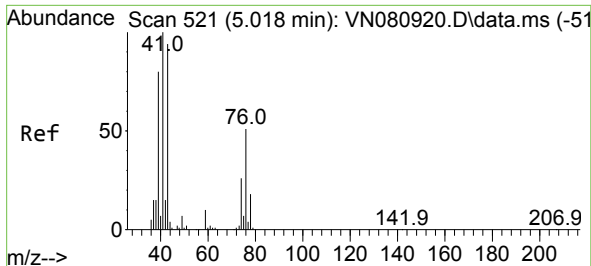
Tgt Ion: 59 Resp: 6581
Ion Ratio Lower Upper
59 100
57 8.1 8.6 12.8#



#13
Acrolein
Concen: 0.426 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

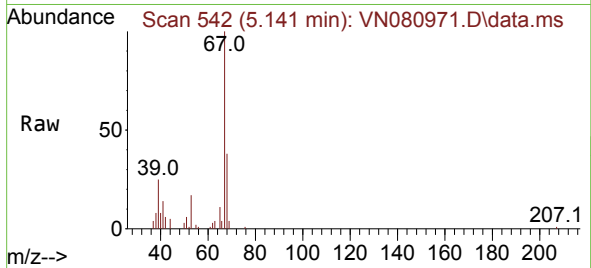
Tgt Ion: 56 Resp: 344
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



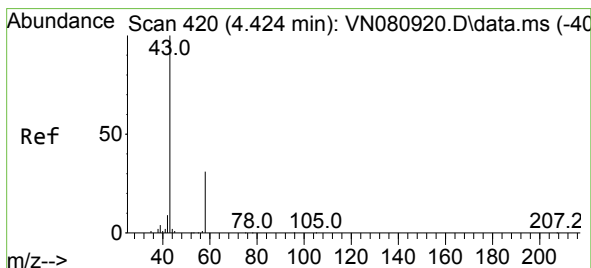
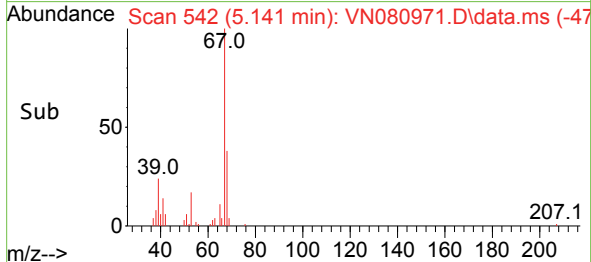
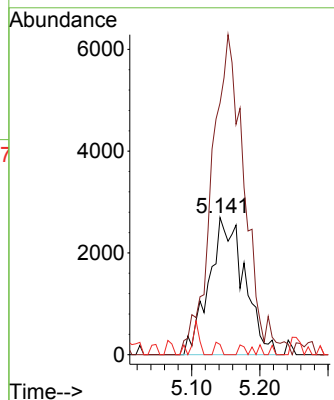


#14
 Allyl chloride
 Concen: 1.860 ug/l
 RT: 5.141 min Scan# 54
 Delta R.T. 0.123 min
 Lab File: VN080971.D
 Acq: 08 Feb 2024 18:10

Instrument :
 MSVOA_N
 ClientSampleId :

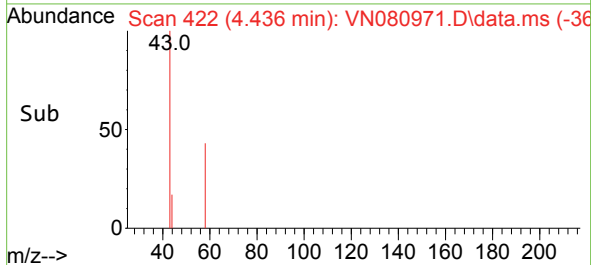
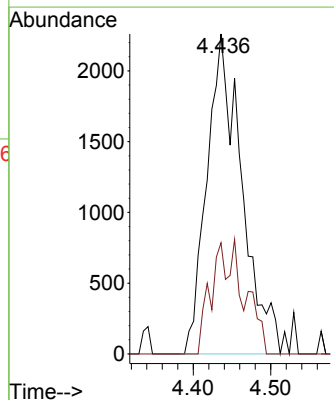
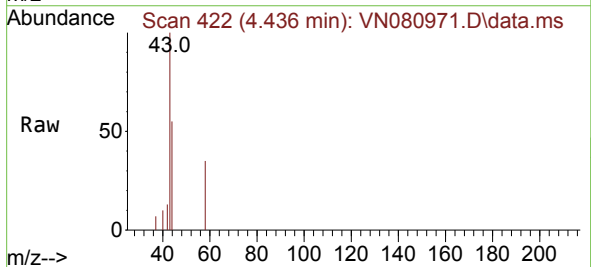


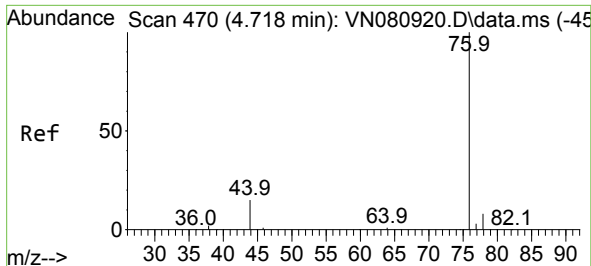
Tgt Ion: 41 Resp: 9744
 Ion Ratio Lower Upper
 41 100
 39 0.0 57.7 86.5#
 76 1.6 26.8 40.2#



#16
 Acetone
 Concen: 4.603 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. 0.012 min
 Lab File: VN080971.D
 Acq: 08 Feb 2024 18:10

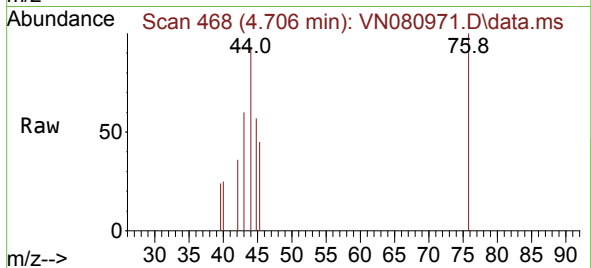
Tgt Ion: 43 Resp: 7046
 Ion Ratio Lower Upper
 43 100
 58 34.8 24.8 37.2



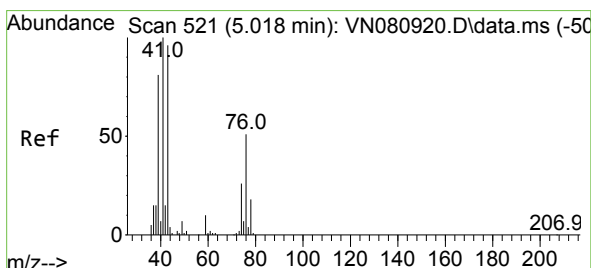
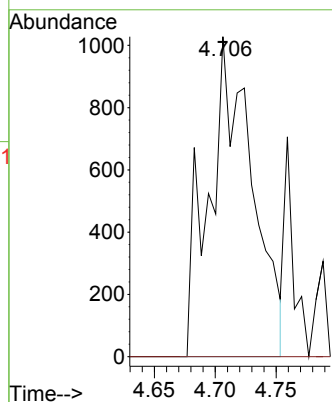
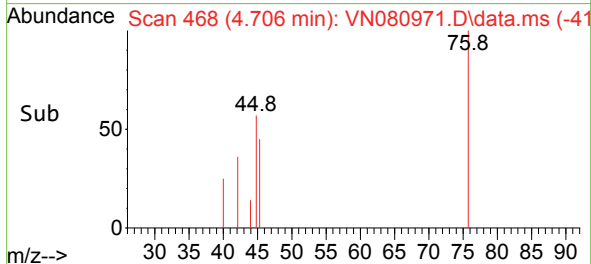


#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

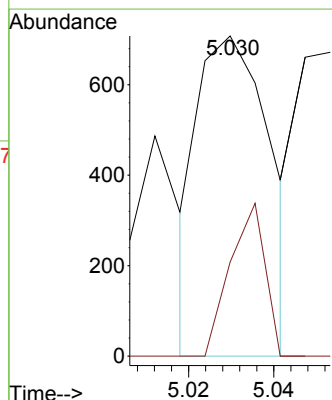
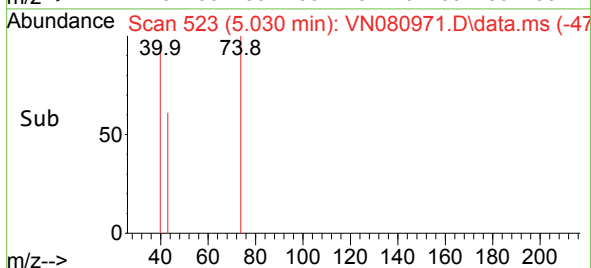
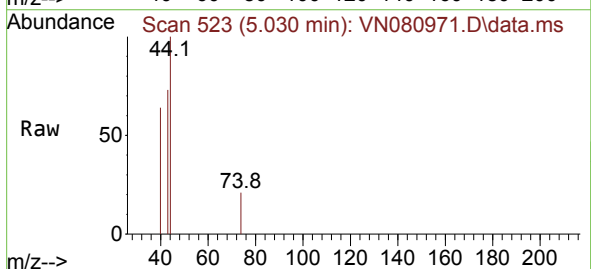


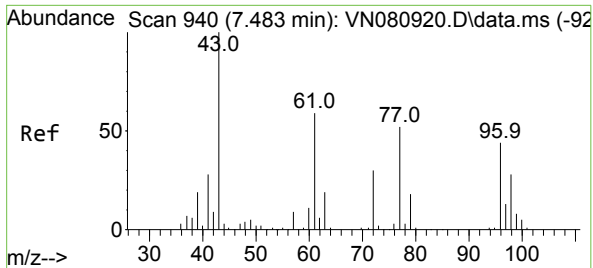
Tgt Ion: 76 Resp: 2539
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
74 23.3 17.3 25.9

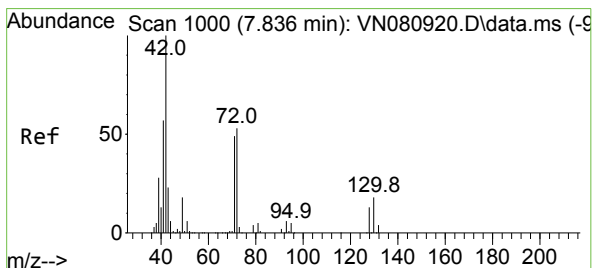
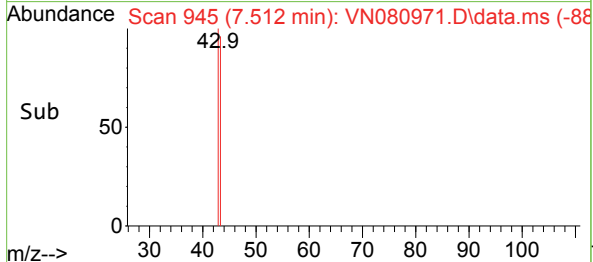
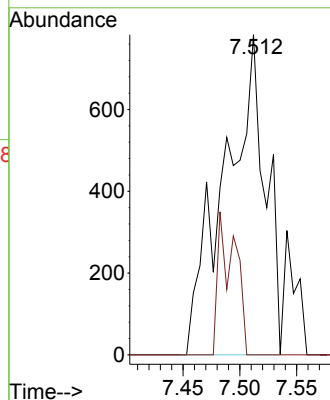
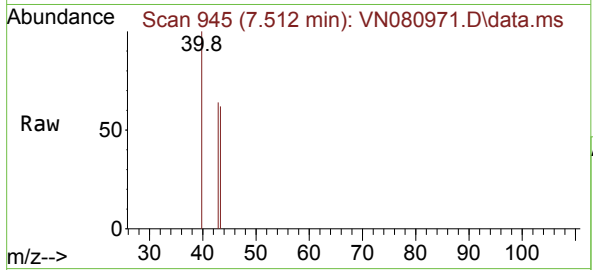




#25
2-Butanone
Concen: 0.790 ug/l
RT: 7.512 min Scan# 940
Delta R.T. 0.029 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

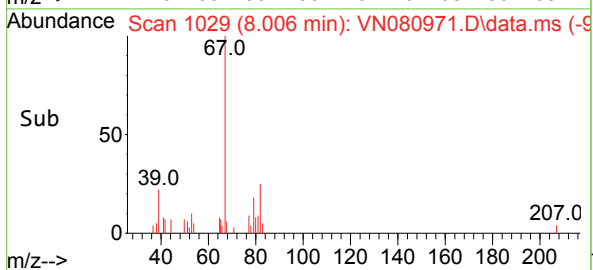
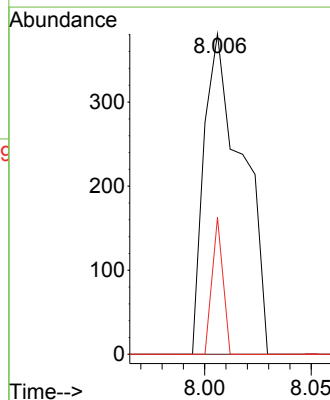
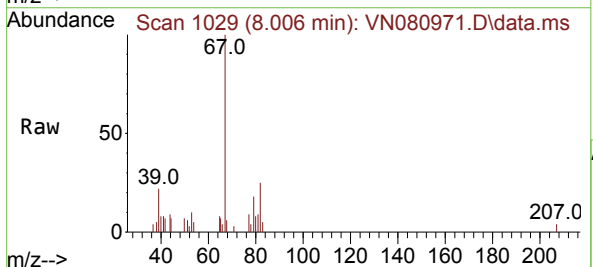
Instrument :
MSVOA_N
ClientSampleId :

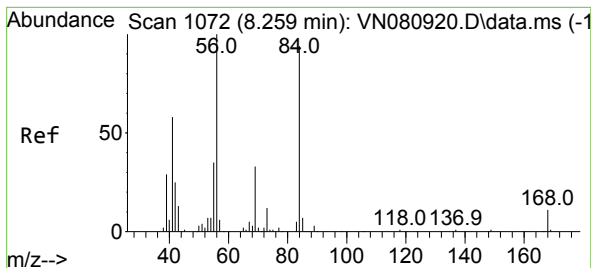
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#29
Tetrahydrofuran
Concen: 0.318 ug/l
RT: 8.006 min Scan# 1029
Delta R.T. 0.170 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 42 Resp: 478
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 12.1 28.3 42.5#





#31

Cyclohexane

Concen: 1.877 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.030 min

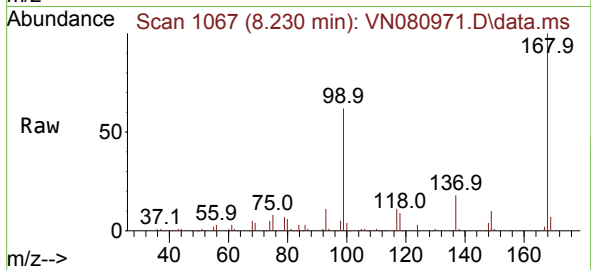
Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :



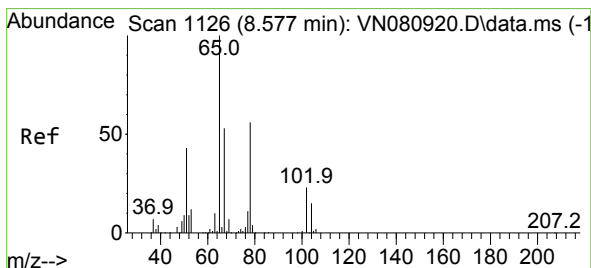
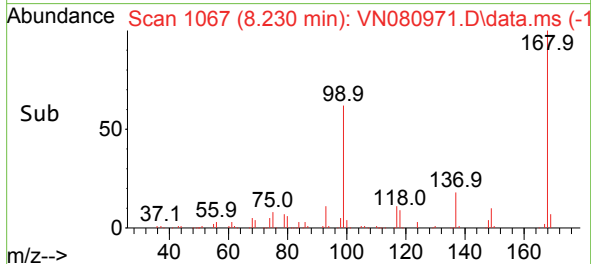
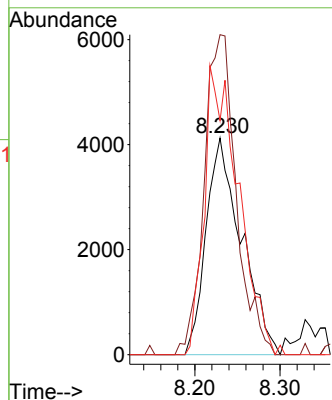
Tgt Ion: 56 Resp: 11936

Ion Ratio Lower Upper

56 100

69 147.7 20.1 30.1#

84 108.0 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 79.254 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.023 min

Lab File: VN080971.D

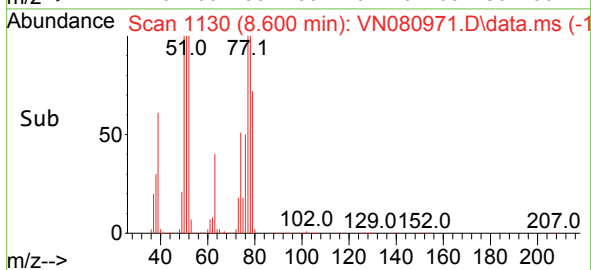
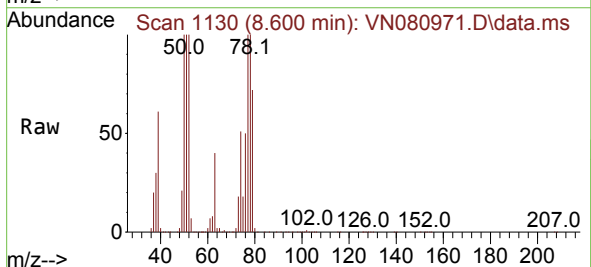
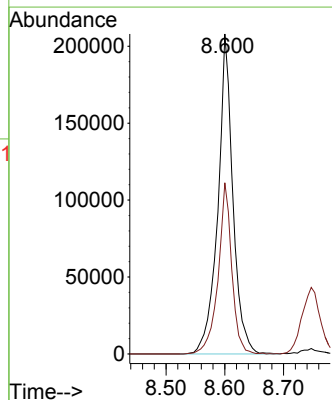
Acq: 08 Feb 2024 18:10

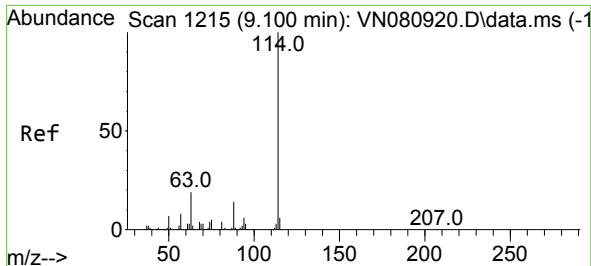
Tgt Ion: 65 Resp: 368768

Ion Ratio Lower Upper

65 100

67 48.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :

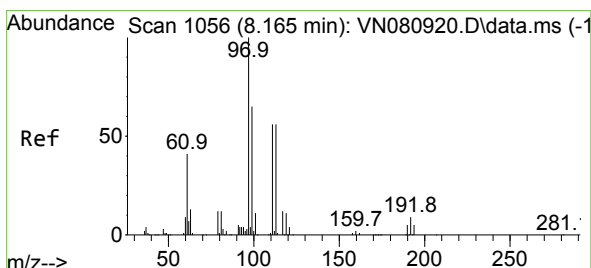
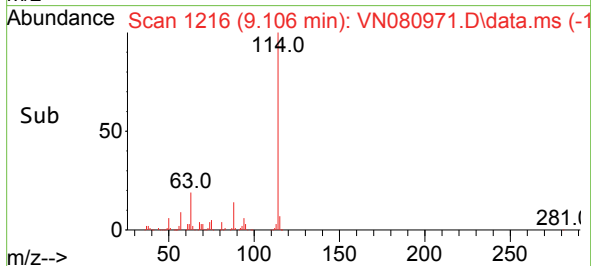
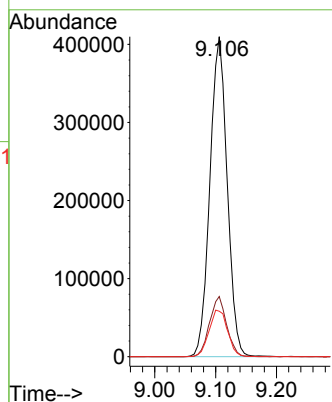
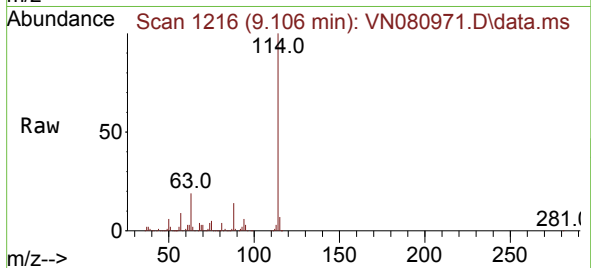
Tgt Ion:114 Resp: 806917

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 14.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 46.587 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

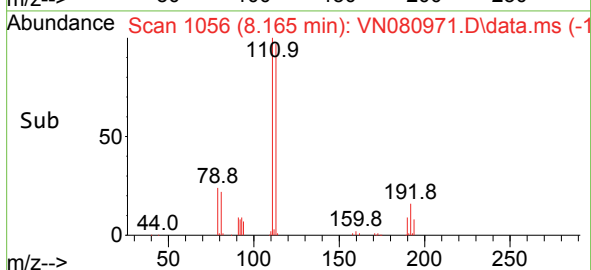
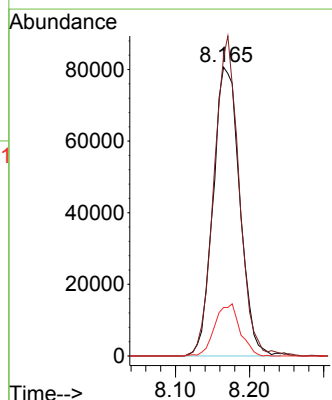
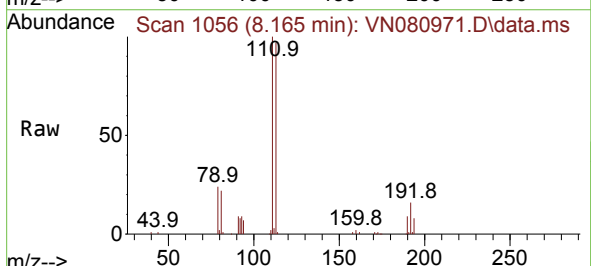
Tgt Ion:113 Resp: 201718

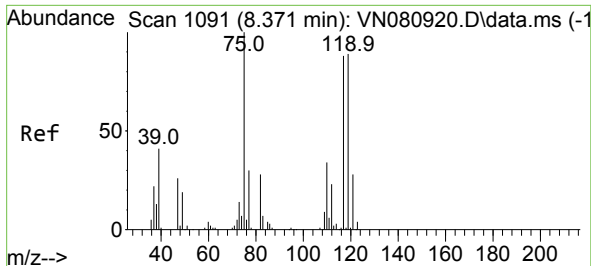
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

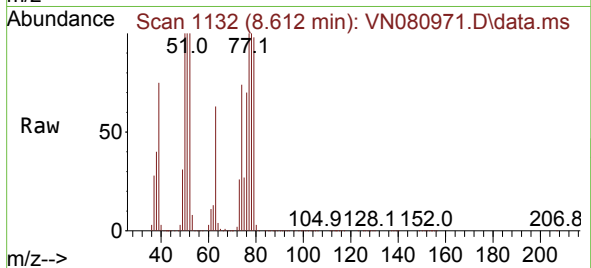
192 16.9 12.5 18.7



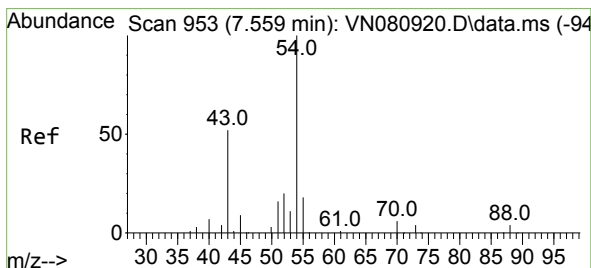
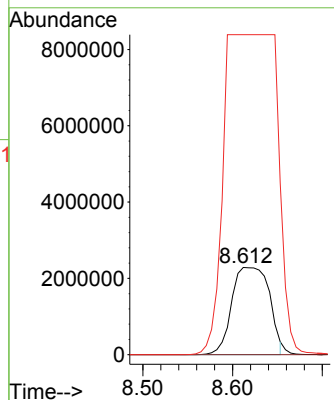
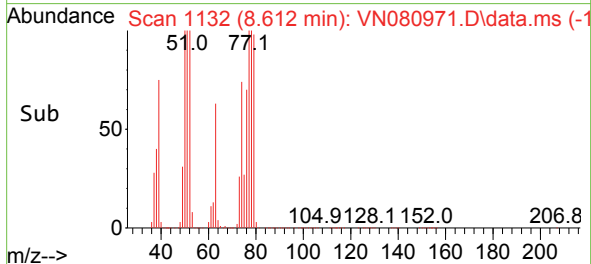


#36
1,1-Dichloropropene
Concen: 1031.534 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.241 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

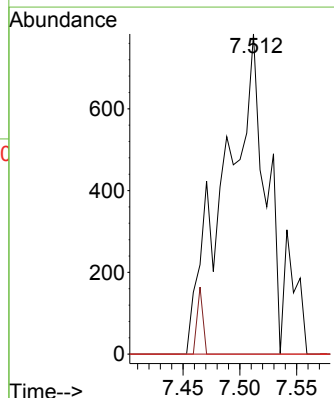
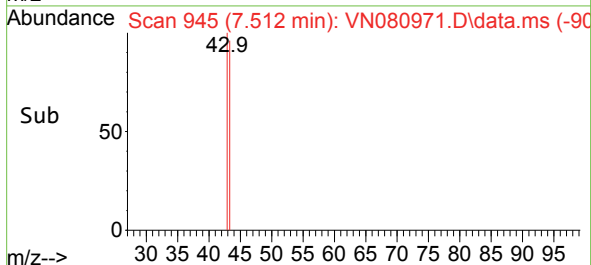
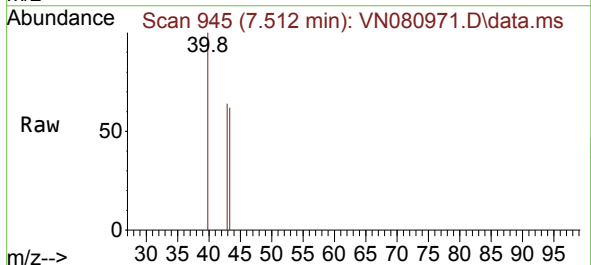


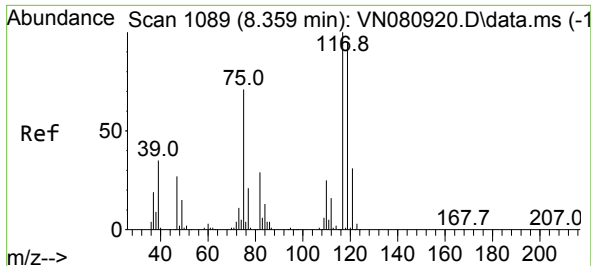
Tgt Ion: 75 Resp: 6644554
Ion Ratio Lower Upper
75 100
110 0.0 16.0 48.0#
77 0.0 25.8 38.6#



#37
Ethyl Acetate
Concen: 0.398 ug/l
RT: 7.512 min Scan# 945
Delta R.T. -0.047 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

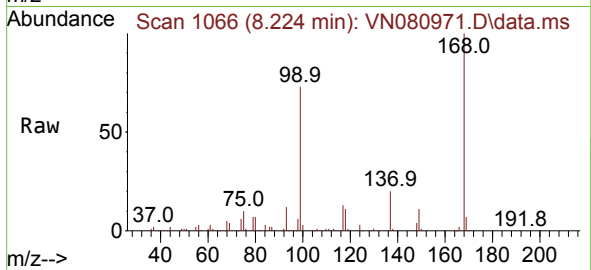
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#



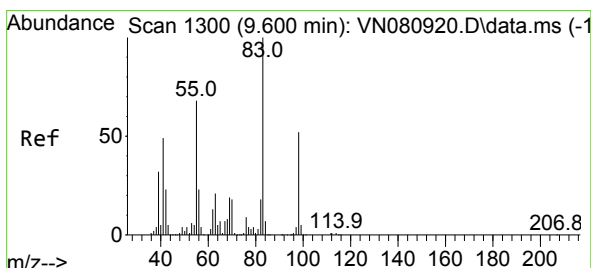
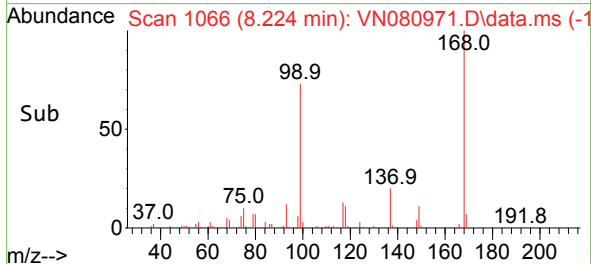
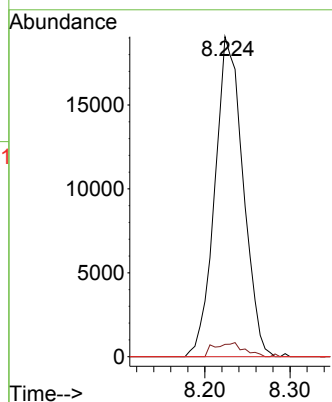


#38
Carbon Tetrachloride
Concen: 6.640 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

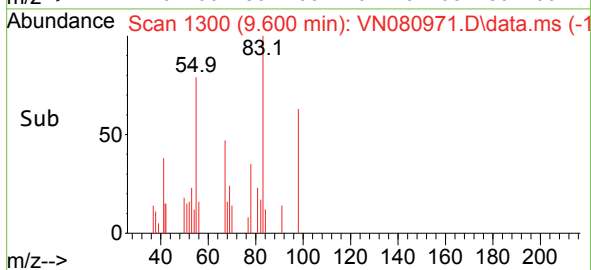
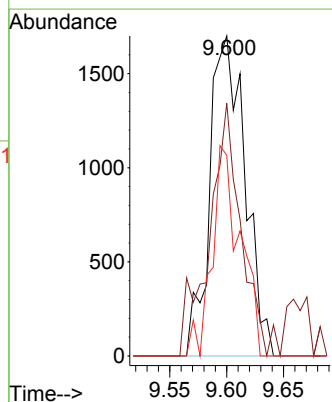
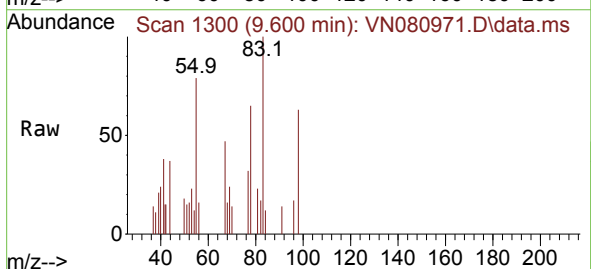


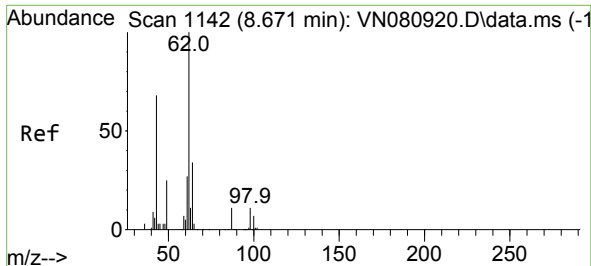
Tgt Ion:117 Resp: 43844
Ion Ratio Lower Upper
117 100
119 3.8 73.4 110.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.512 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

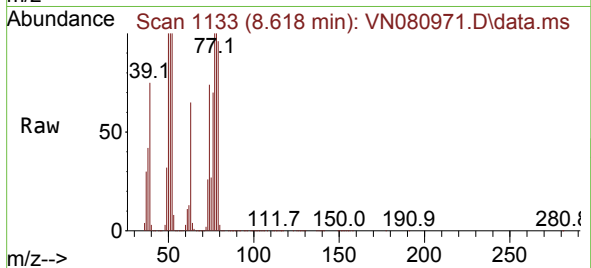
Tgt Ion: 83 Resp: 3674
Ion Ratio Lower Upper
83 100
55 78.9 65.7 98.5
98 62.7 33.8 50.6#



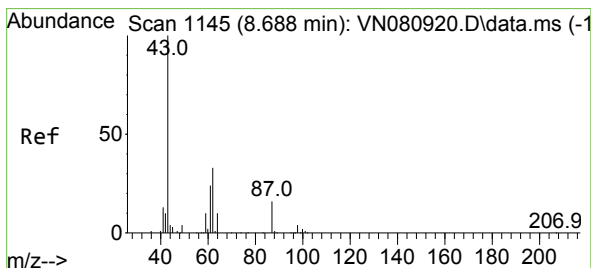
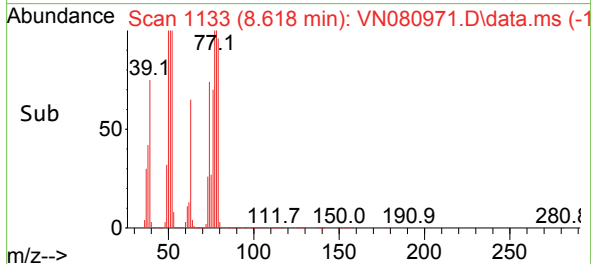
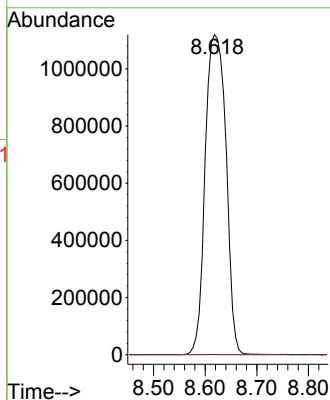


#42
1,2-Dichloroethane
Concen: 458.043 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. -0.053 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

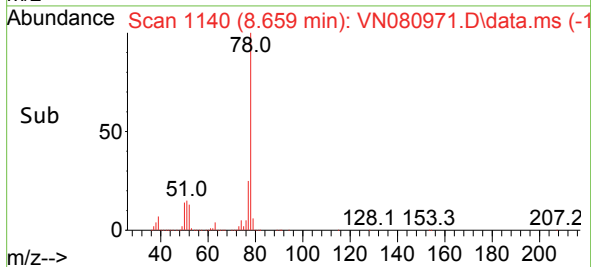
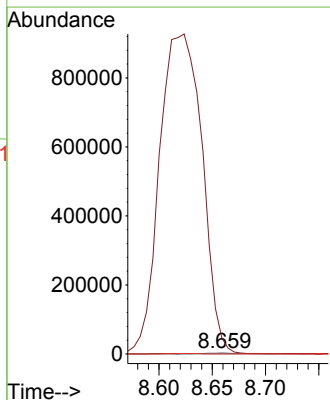
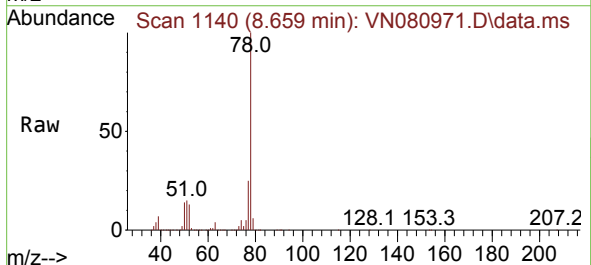


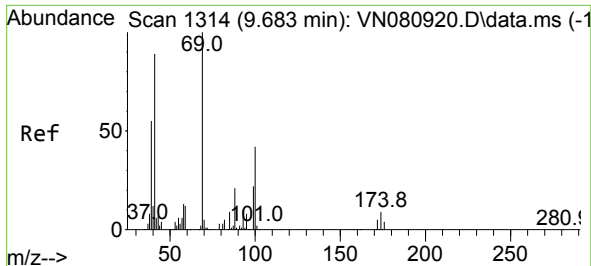
Tgt Ion: 62 Resp: 3127047
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.0



#43
Isopropyl Acetate
Concen: 0.797 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.030 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

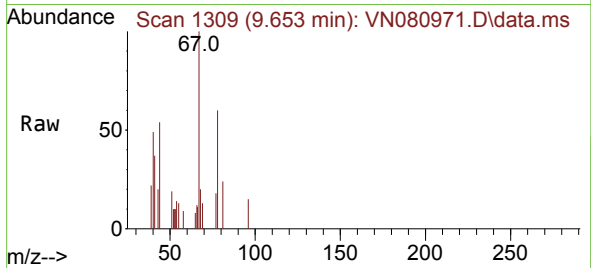
Tgt Ion: 43 Resp: 7146
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



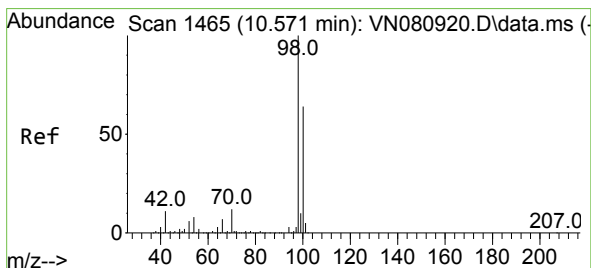
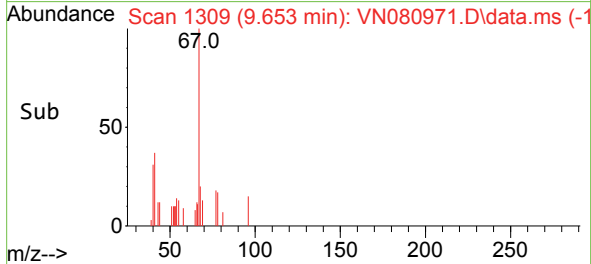
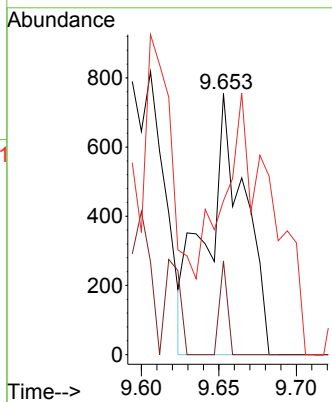


#48
Methyl methacrylate
Concen: 0.256 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.030 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

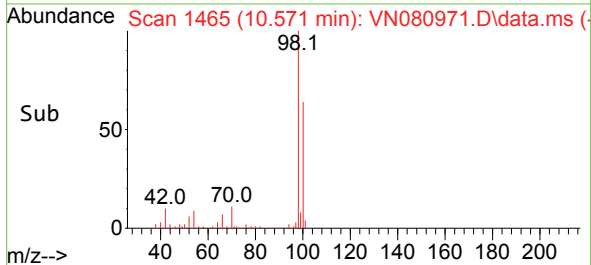
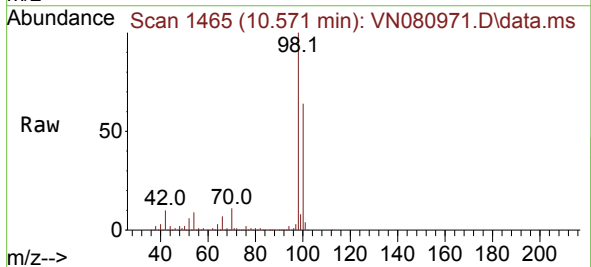
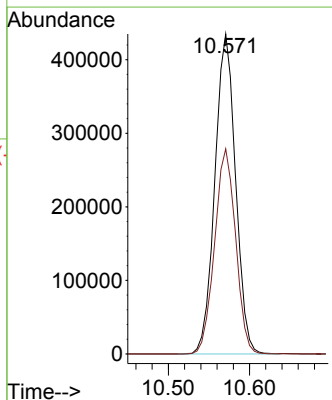


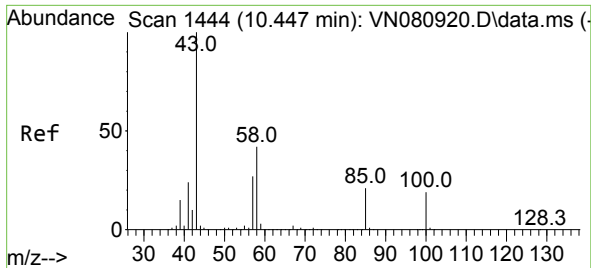
Tgt Ion: 41 Resp: 1294
Ion Ratio Lower Upper
41 100
69 7.4 62.2 93.2#
39 136.6 47.6 71.4#



#50
Toluene-d8
Concen: 49.268 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 98 Resp: 771621
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

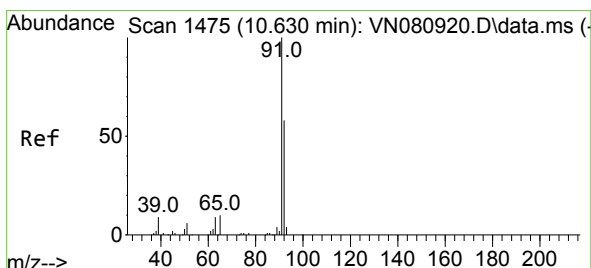
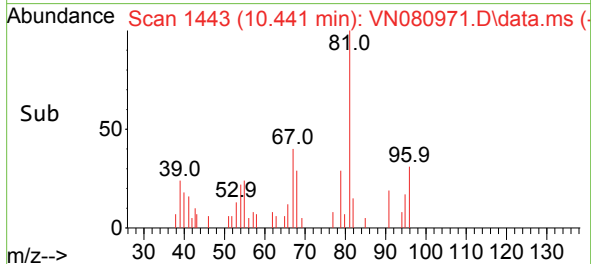
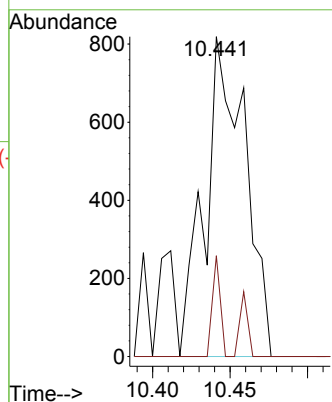
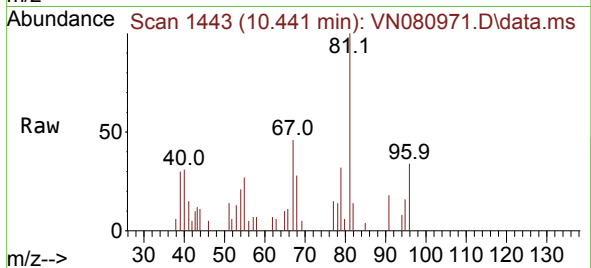




#51
4-Methyl-2-Pentanone
Concen: 0.273 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

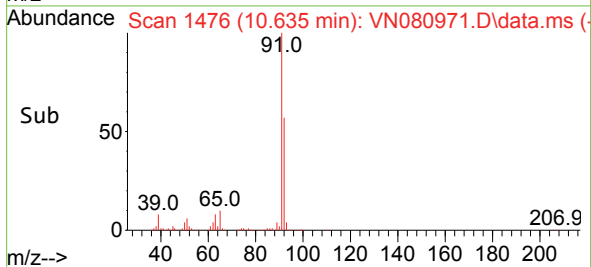
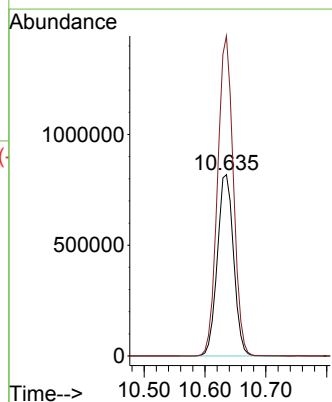
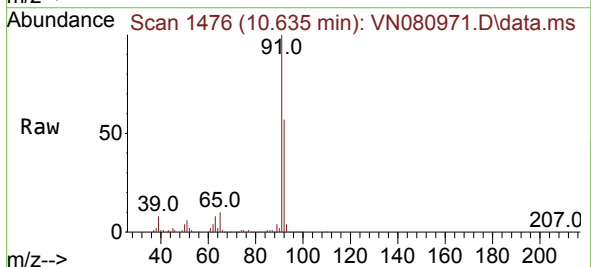
Instrument :
MSVOA_N
ClientSampleId :

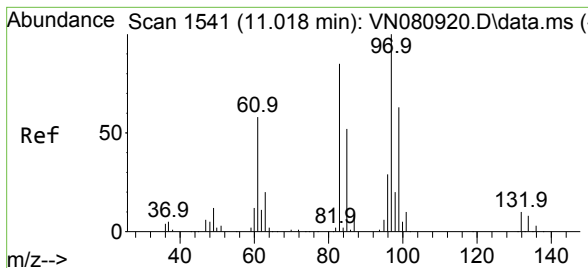
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#



#52
Toluene
Concen: 115.164 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 92 Resp: 1512497
Ion Ratio Lower Upper
92 100
91 171.7 139.4 209.0





#55

1,1,2-Trichloroethane

Concen: 42.474 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. -0.130 min

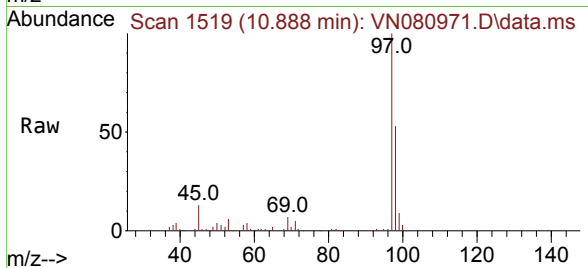
Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 215605

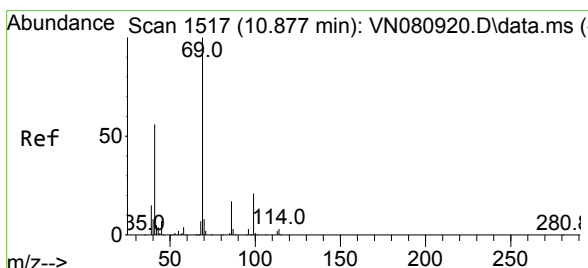
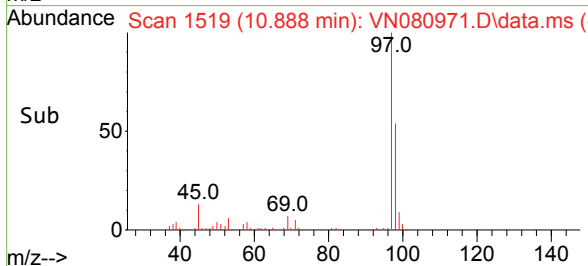
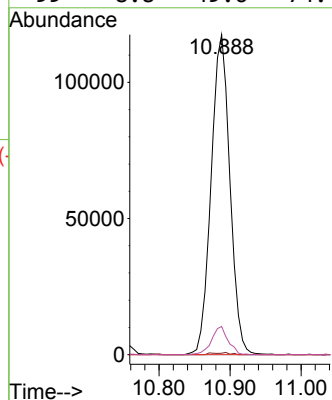
Ion Ratio Lower Upper

97 100

83 0.5 72.9 109.3#

85 0.0 50.2 75.2#

99 8.8 49.6 74.4#



#56

Ethyl methacrylate

Concen: 2.387 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. 0.011 min

Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

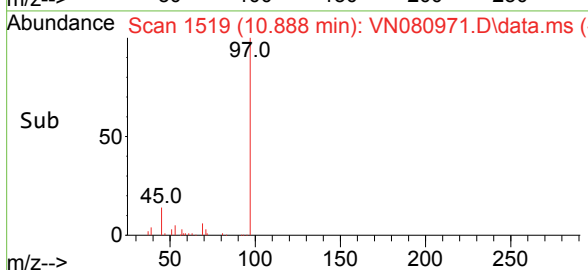
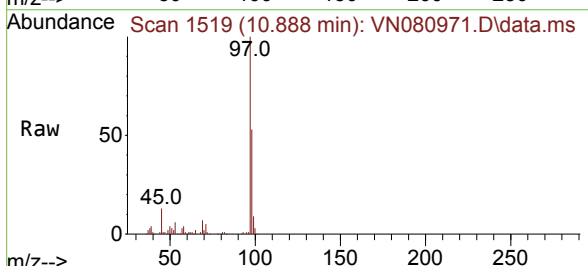
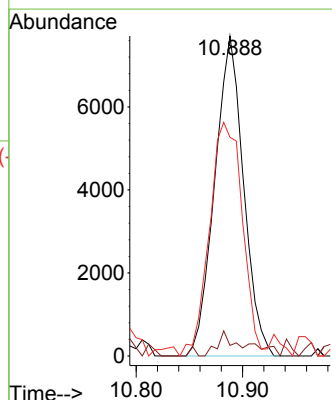
Tgt Ion: 69 Resp: 14495

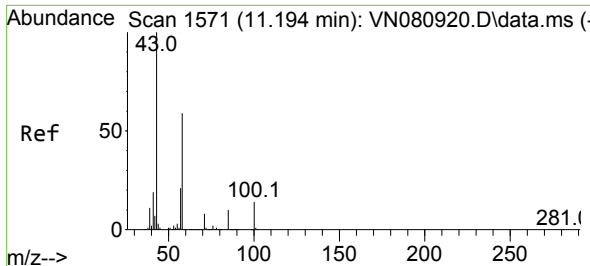
Ion Ratio Lower Upper

69 100

41 4.3 61.0 91.6#

39 83.5 31.8 47.6#

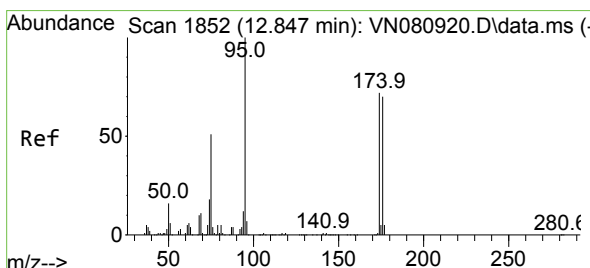
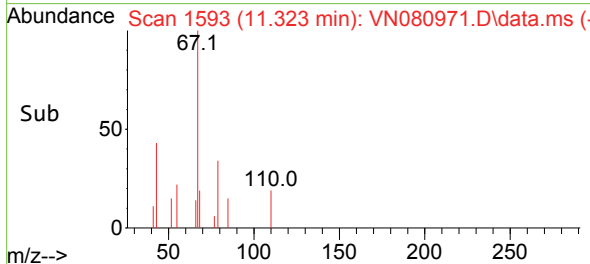
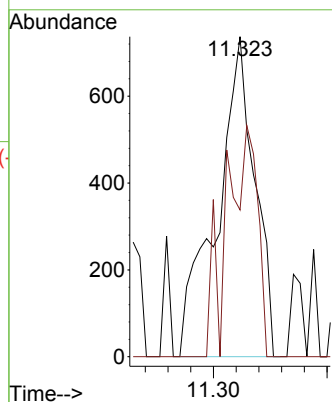
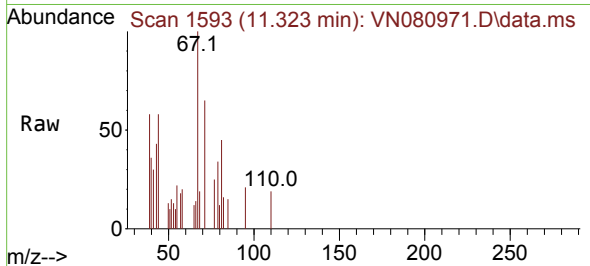




#59
2-Hexanone
Concen: 0.418 ug/l
RT: 11.323 min Scan# 1593
Delta R.T. 0.129 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

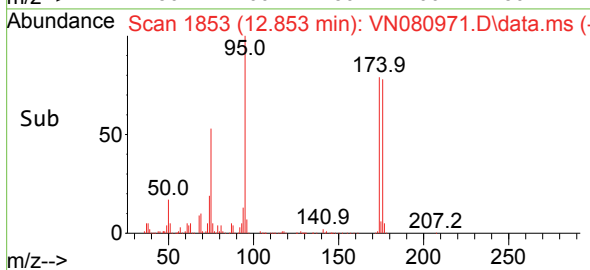
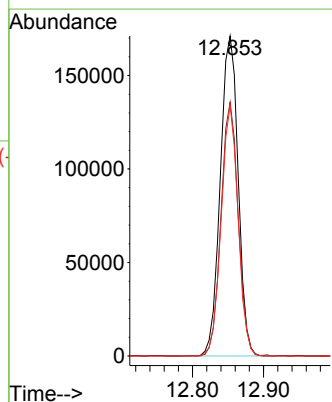
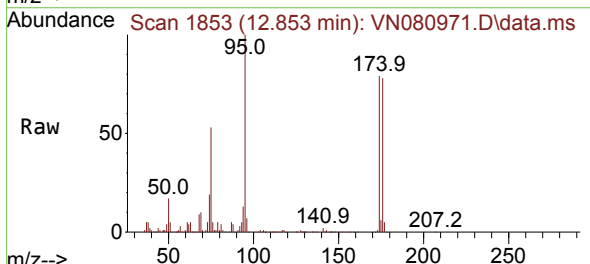
Instrument :
MSVOA_N
ClientSampleId :

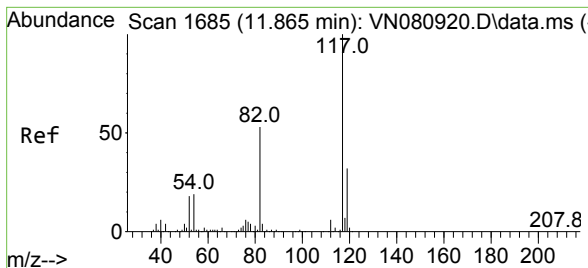
Tgt Ion: 43 Resp: 1711
Ion Ratio Lower Upper
43 100
58 58.7 25.9 77.8



#62
4-Bromofluorobenzene
Concen: 52.345 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

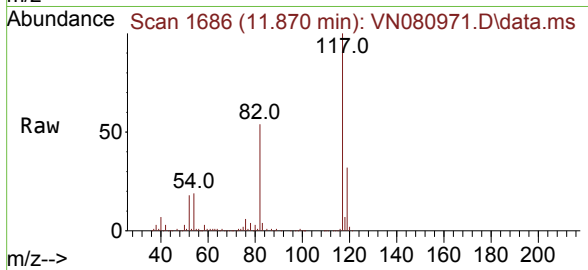
Tgt Ion: 95 Resp: 297817
Ion Ratio Lower Upper
95 100
174 76.5 0.0 120.4
176 73.9 0.0 121.0



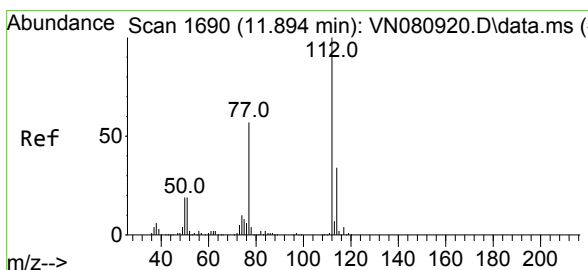
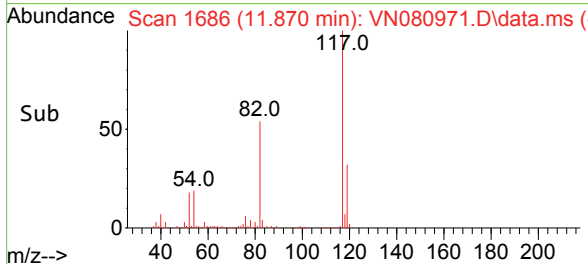
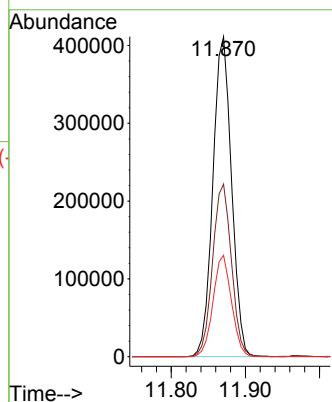


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

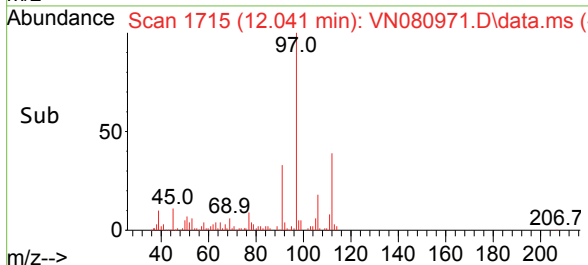
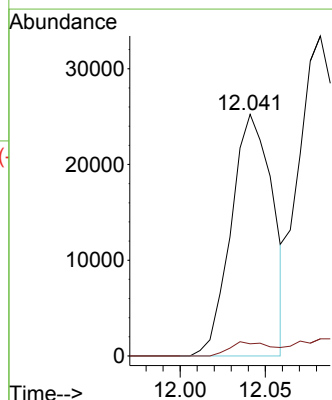
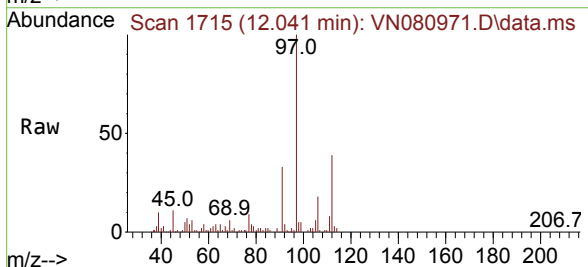


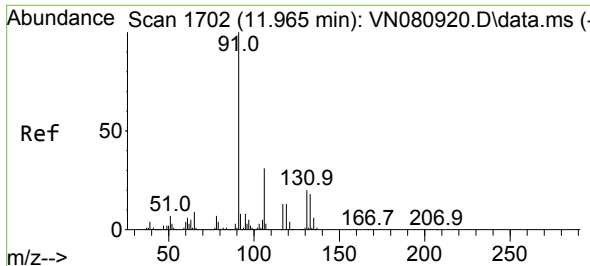
Tgt Ion:117 Resp: 718742
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 31.7 25.3 37.9



#65
Chlorobenzene
Concen: 2.839 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.147 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion:112 Resp: 42757
Ion Ratio Lower Upper
112 100
114 5.0 23.7 35.5#

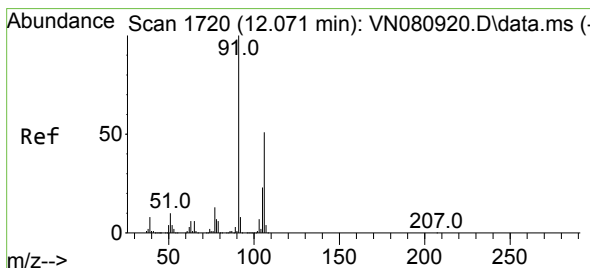
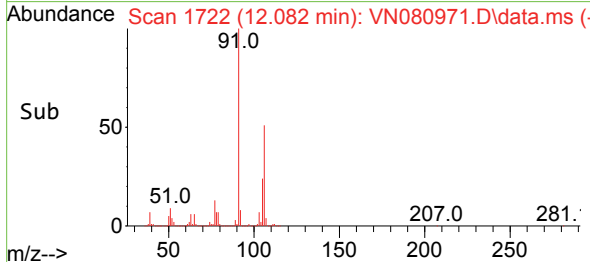
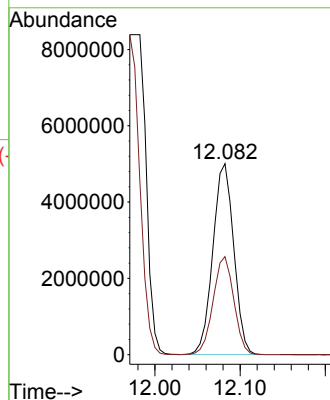
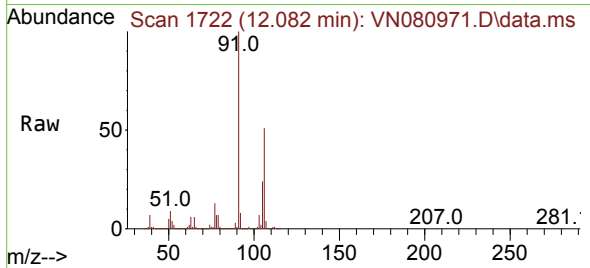




#67
Ethyl Benzene
Concen: 329.883 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.117 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

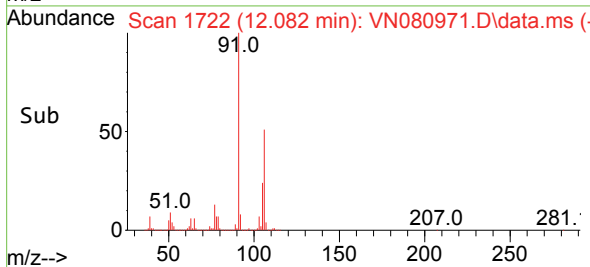
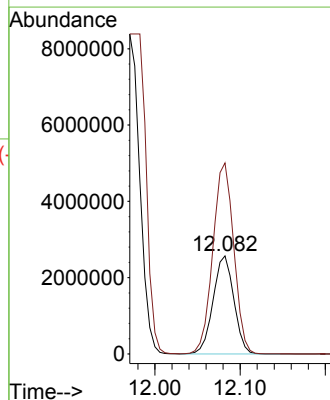
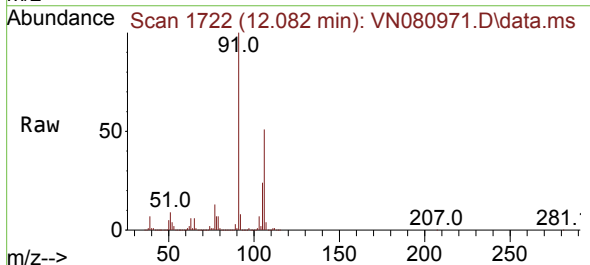
Instrument :
MSVOA_N
ClientSampleId :

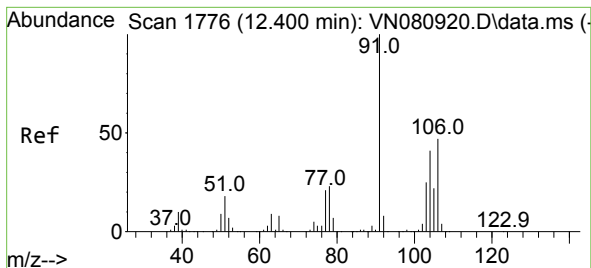
Tgt Ion: 91 Resp: 8559776
Ion Ratio Lower Upper
91 100
106 51.3 23.8 35.6#



#68
m/p-Xylenes
Concen: 440.903 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.012 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion:106 Resp: 4346487
Ion Ratio Lower Upper
106 100
91 196.9 169.0 253.6





#69

o-Xylene

Concen: 393.142 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_N

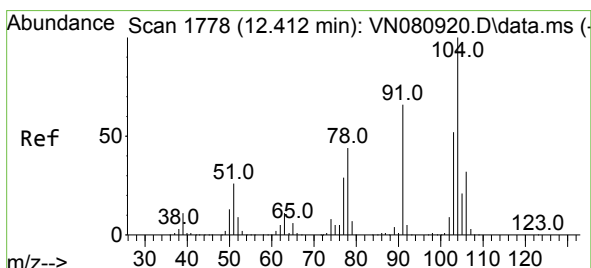
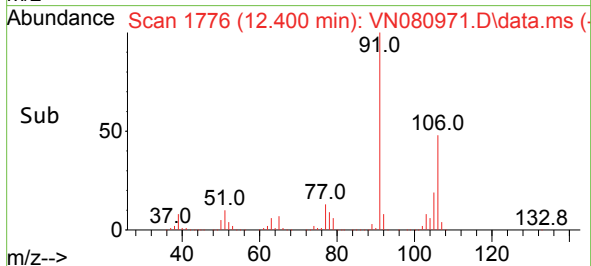
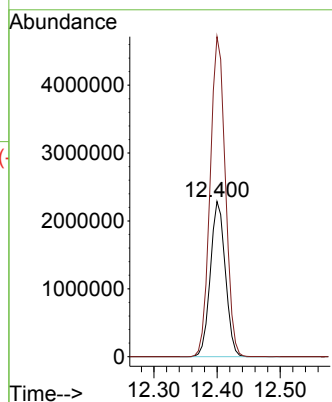
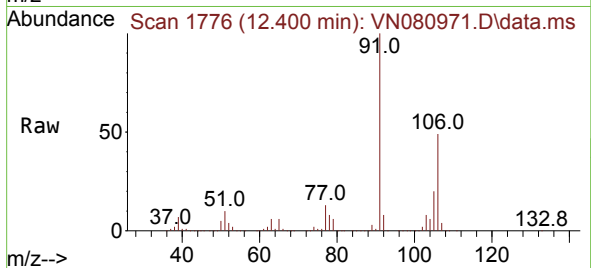
ClientSampleId :

Tgt Ion:106 Resp: 3760694

Ion Ratio Lower Upper

106 100

91 209.7 112.1 336.3



#70

Styrene

Concen: 55.028 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

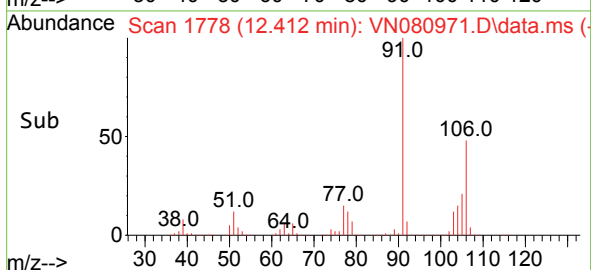
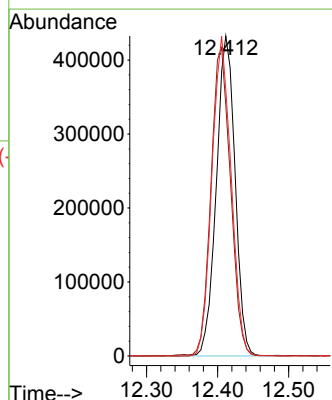
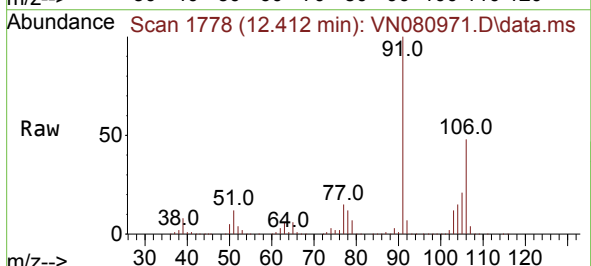
Tgt Ion:104 Resp: 790012

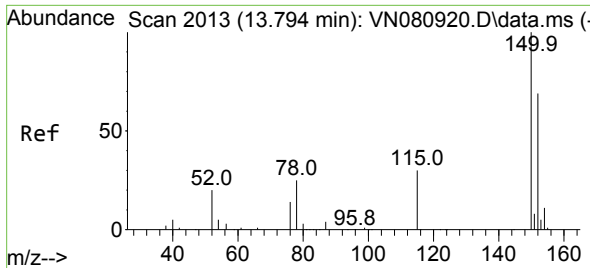
Ion Ratio Lower Upper

104 100

78 100.8 43.8 65.8#

103 102.3 44.2 66.2#

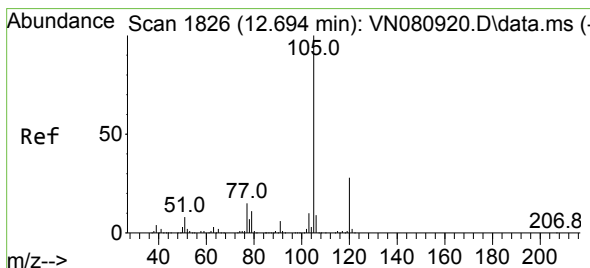
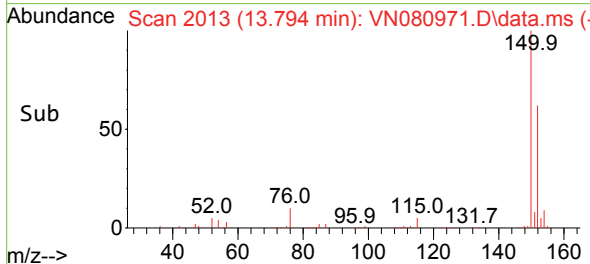
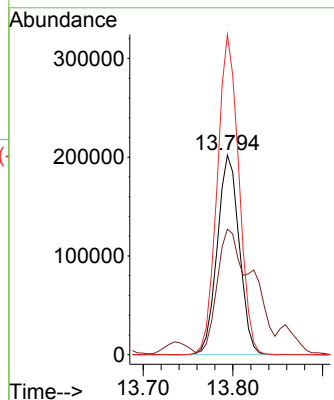
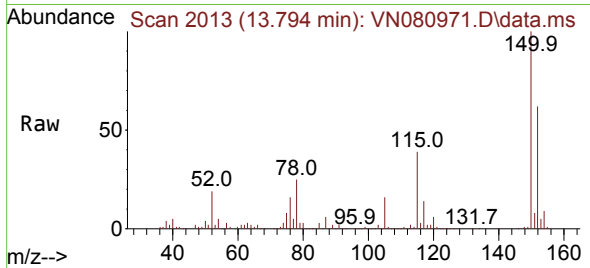




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

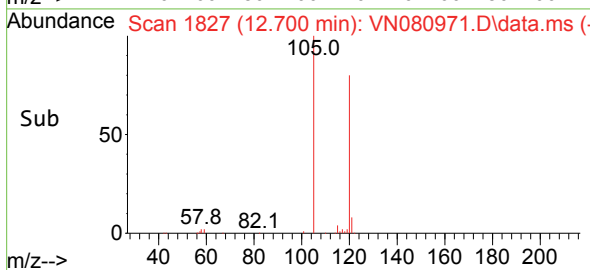
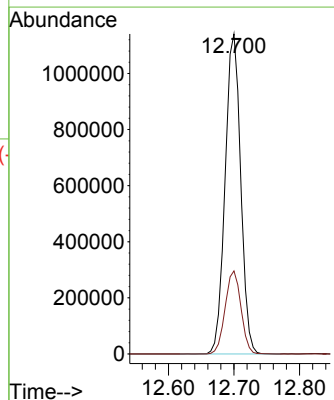
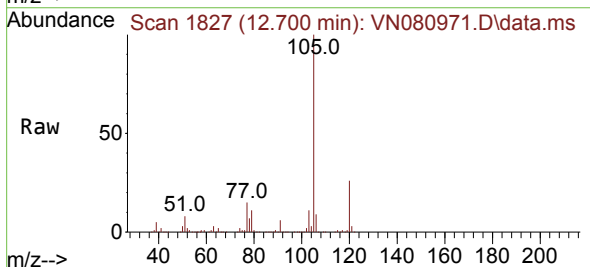
Instrument :
MSVOA_N
ClientSampleId :

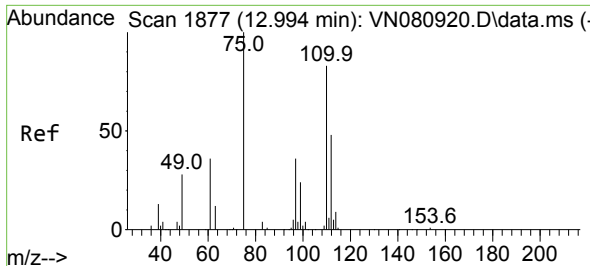
Tgt Ion:152 Resp: 343189
Ion Ratio Lower Upper
152 100
115 98.6 32.3 96.8#
150 158.1 0.0 339.8



#73
Isopropylbenzene
Concen: 70.172 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion:105 Resp: 1872928
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6

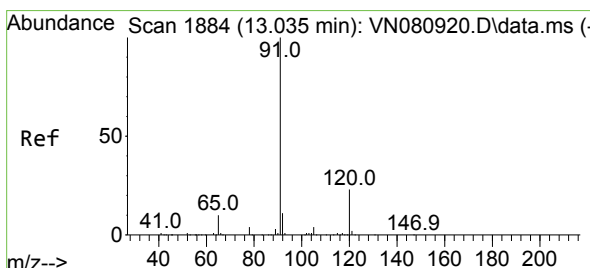
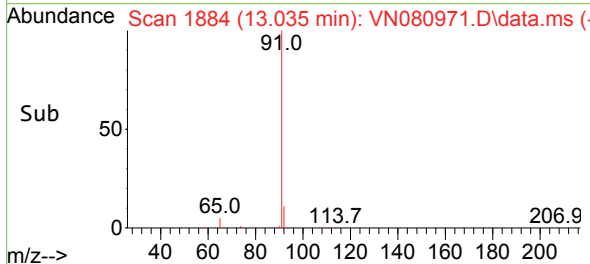
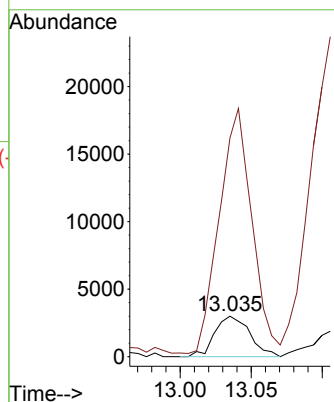
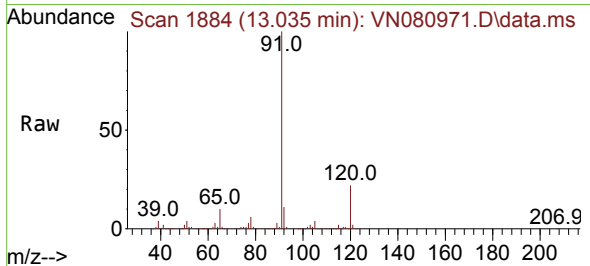




#76
1,2,3-Trichloropropane
Concen: 0.734 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

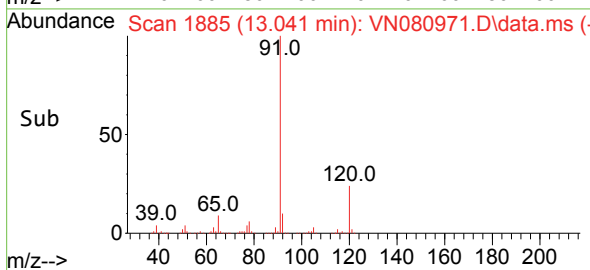
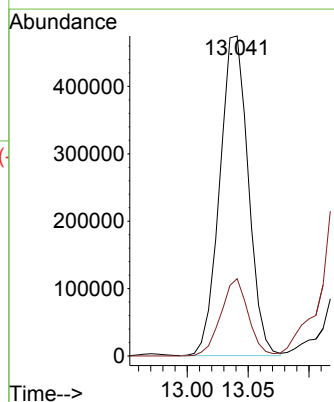
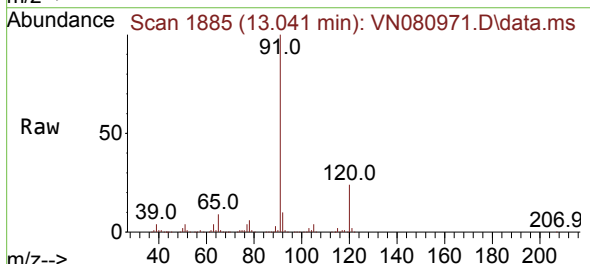
Instrument :
MSVOA_N
ClientSampleId :

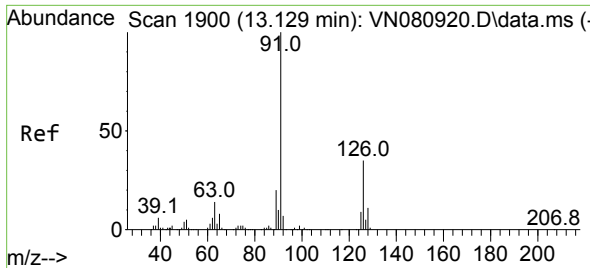
Tgt Ion: 75 Resp: 5137
Ion Ratio Lower Upper
75 100
77 564.3 91.0 272.8#



#78
n-propylbenzene
Concen: 25.694 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 91 Resp: 774268
Ion Ratio Lower Upper
91 100
120 23.2 10.3 30.9

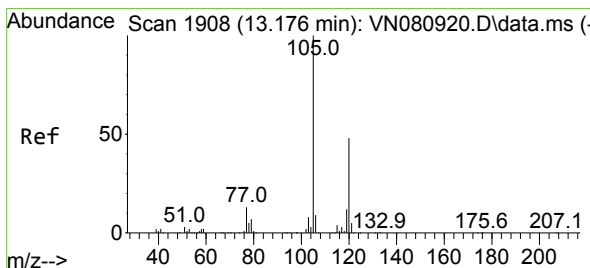
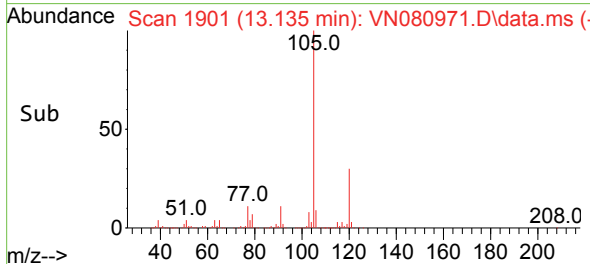
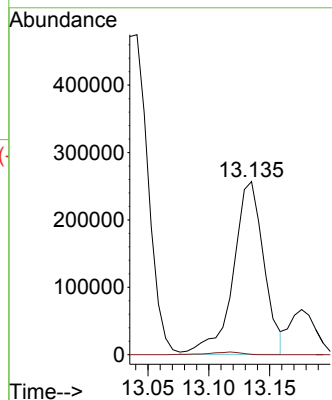
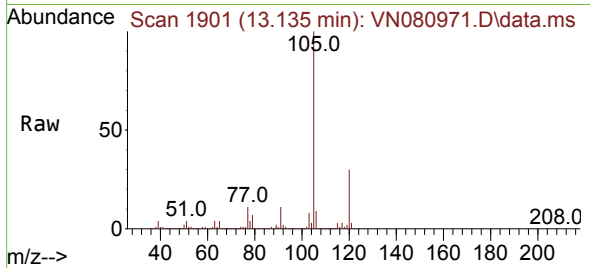




#79
2-Chlorotoluene
Concen: 23.583 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

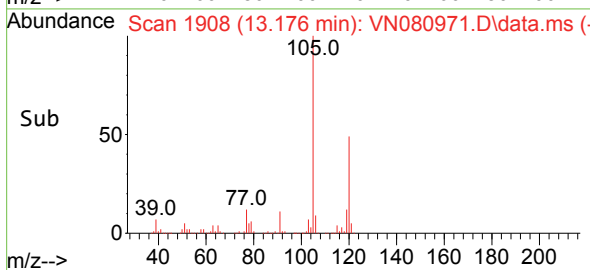
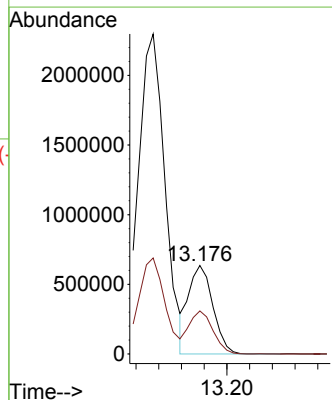
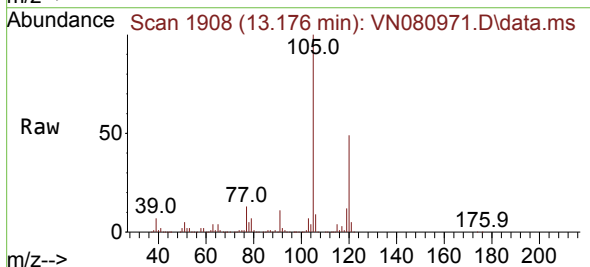
Instrument :
MSVOA_N
ClientSampleId :

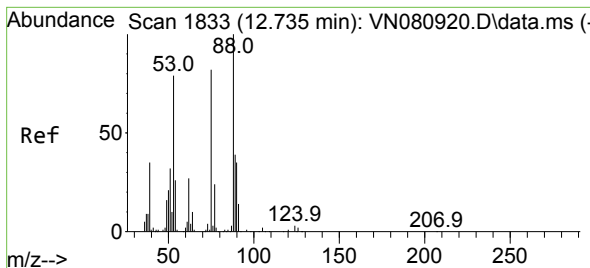
Tgt Ion: 91 Resp: 449102
Ion Ratio Lower Upper
91 100
126 1.6 14.8 44.4#



#80
1,3,5-Trimethylbenzene
Concen: 43.519 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 105 Resp: 944110
Ion Ratio Lower Upper
105 100
120 48.2 23.0 69.0

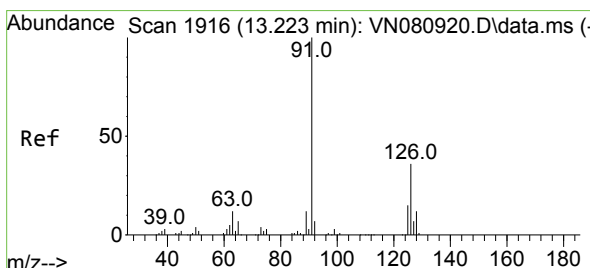
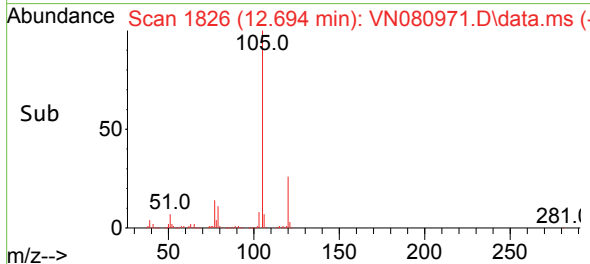
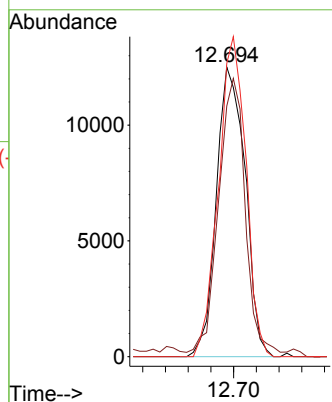
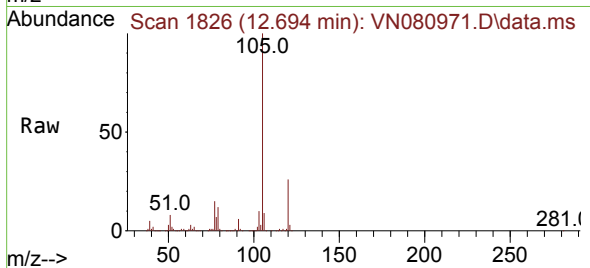




#81
trans-1,4-Dichloro-2-butene
Concen: 8.551 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

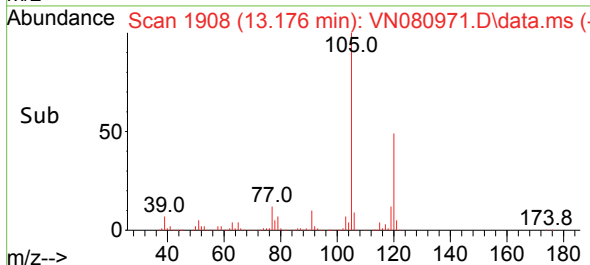
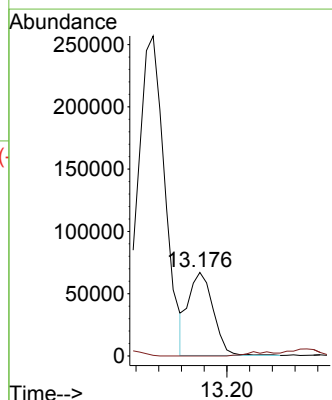
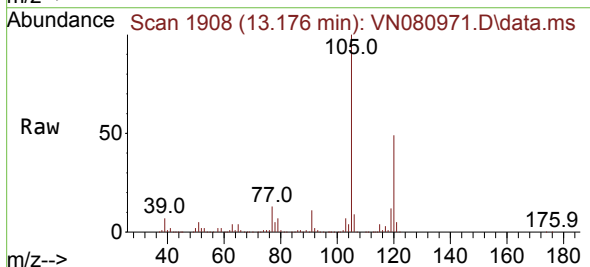
Instrument :
MSVOA_N
ClientSampleId :

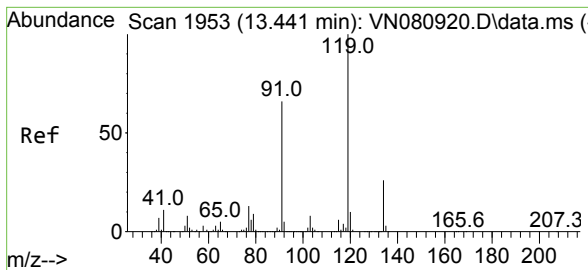
Tgt Ion: 75 Resp: 22023
Ion Ratio Lower Upper
75 100
53 86.1 71.4 107.2
89 105.5 33.4 50.0#



#82
4-Chlorotoluene
Concen: 5.292 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 91 Resp: 100549
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#

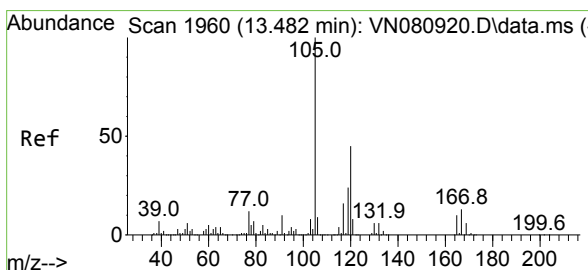
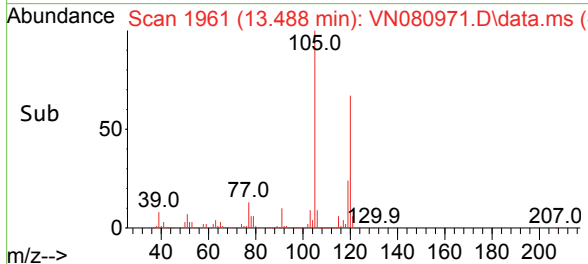
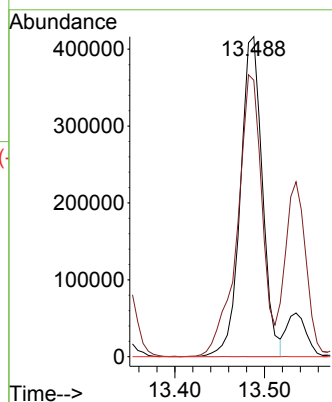
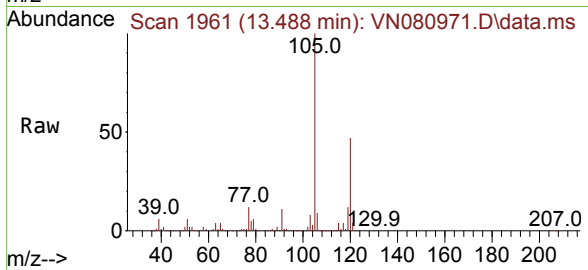




#83
 tert-Butylbenzene
 Concen: 38.307 ug/l
 RT: 13.488 min Scan# 1953
 Delta R.T. 0.047 min
 Lab File: VN080971.D
 Acq: 08 Feb 2024 18:10

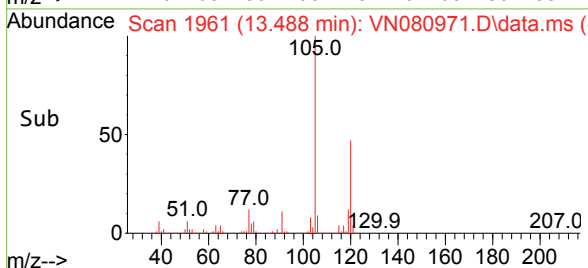
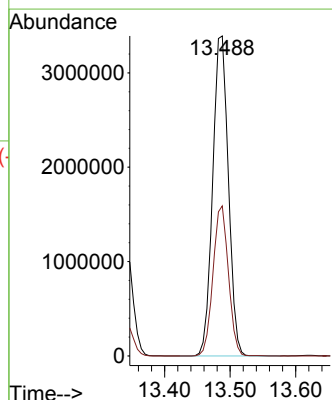
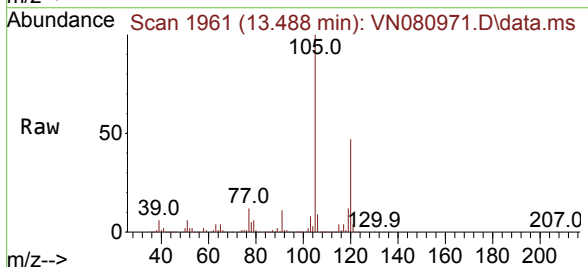
Instrument :
 MSVOA_N
 ClientSampleId :

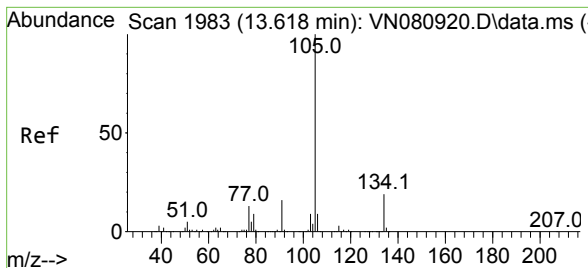
Tgt Ion:119 Resp: 708377
 Ion Ratio Lower Upper
 119 100
 91 99.2 36.8 110.4
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 260.050 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080971.D
 Acq: 08 Feb 2024 18:10

Tgt Ion:105 Resp: 5618962
 Ion Ratio Lower Upper
 105 100
 120 46.2 20.9 62.7





#85

sec-Butylbenzene

Concen: 226.123 ug/l

RT: 13.488 min Scan# 1983

Delta R.T. -0.130 min

Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_N

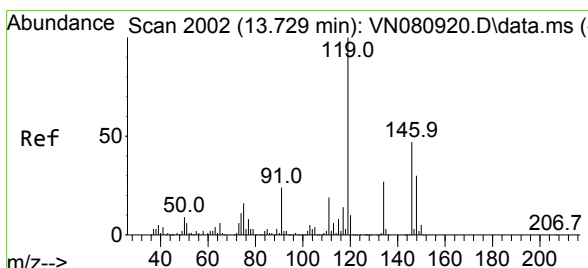
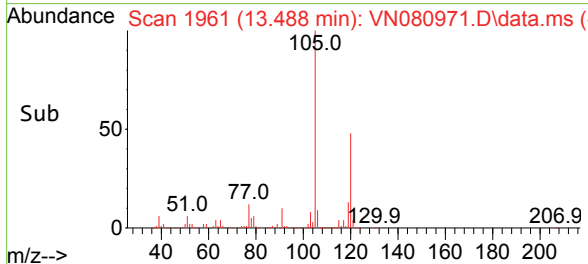
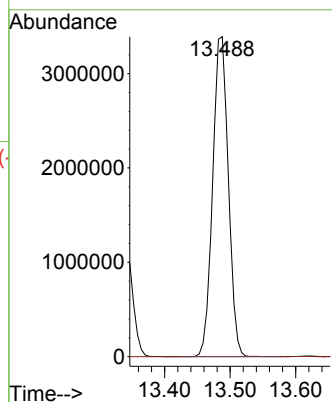
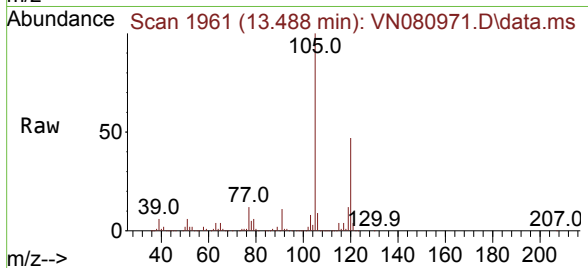
ClientSampleId :

Tgt Ion:105 Resp: 5618962

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#



#86

p-Isopropyltoluene

Concen: 7.882 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN080971.D

Acq: 08 Feb 2024 18:10

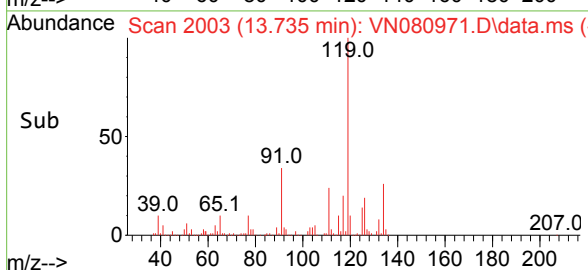
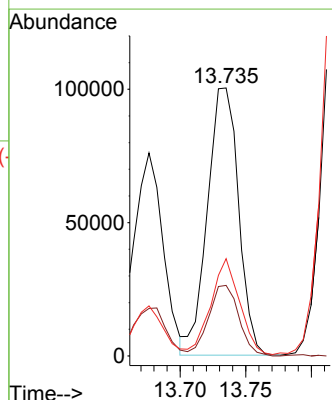
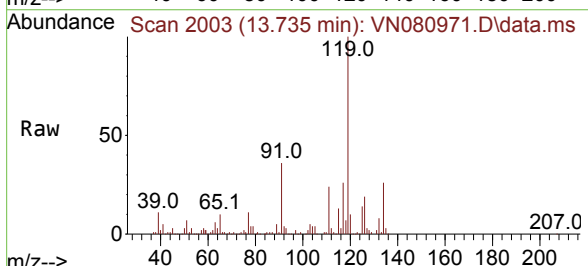
Tgt Ion:119 Resp: 165522

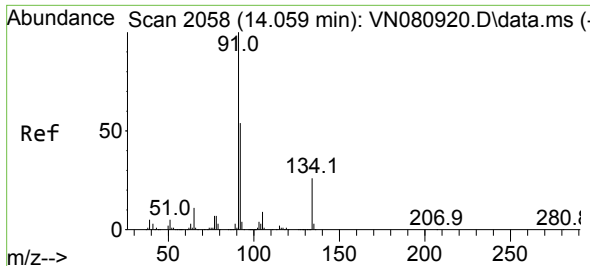
Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.2

91 32.7 13.5 40.4

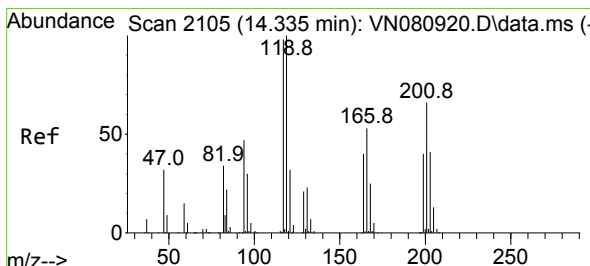
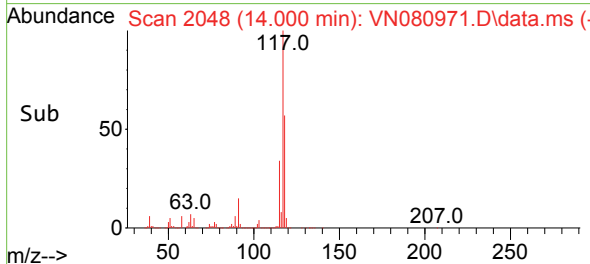
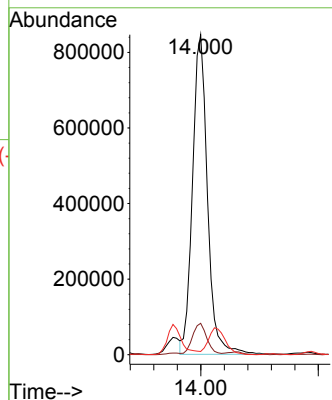
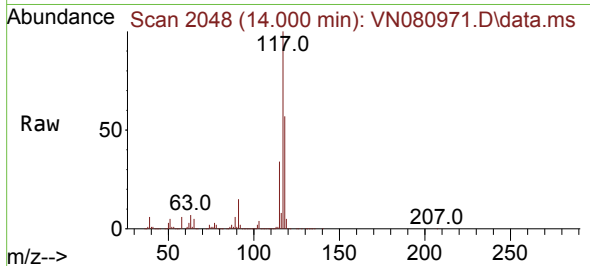




#89
n-Butylbenzene
Concen: 80.210 ug/l
RT: 14.000 min Scan# 2058
Delta R.T. -0.059 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

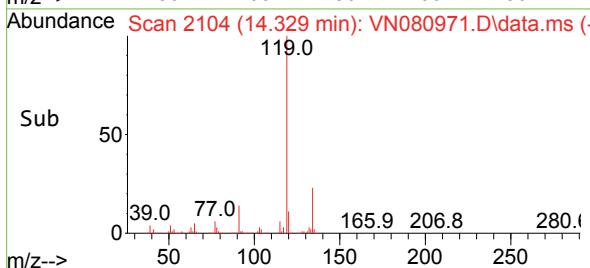
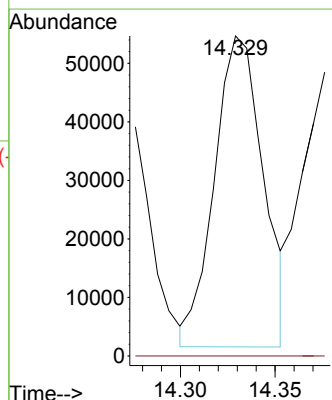
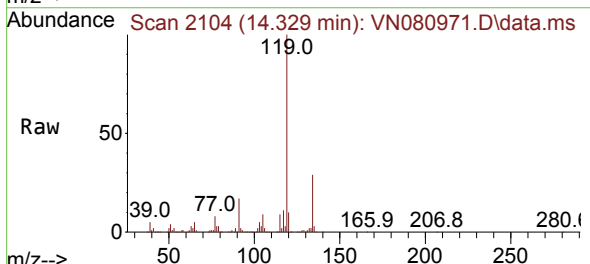
Instrument :
MSVOA_N
ClientSampleId :

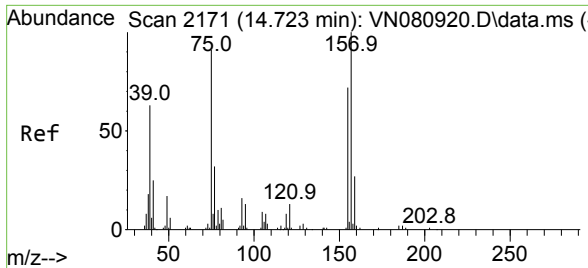
Tgt Ion: 91 Resp: 1487915
Ion Ratio Lower Upper
91 100
92 9.6 26.7 80.1#
134 0.0 10.8 32.4#



#90
Hexachloroethane
Concen: 28.792 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080971.D
Acq: 08 Feb 2024 18:10

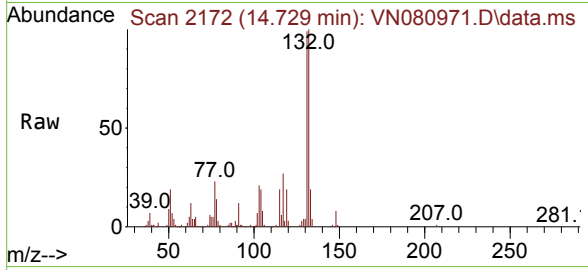
Tgt Ion: 117 Resp: 95339
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.171 ug/l
 RT: 14.729 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN080971.D
 Acq: 08 Feb 2024 18:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 4925
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.8 95.4#
 157 0.0 41.1 123.4#

