

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080637.D
 Acq On : 03 Jan 2024 14:09
 Operator : JC\MD
 Sample : PB158184TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 04 01:58:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	272387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	532930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	611541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162083	46.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.780%
35) Dibromofluoromethane	8.165	113	145336	42.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.340%
50) Toluene-d8	10.565	98	561091	46.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.847	95	232224	57.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.680%

Target Compounds						Qvalue
3) Chloromethane	2.365	50	7215	1.228	ug/l #	77
5) Bromomethane	2.971	94	1113	0.870	ug/l #	51
6) Chloroethane	3.124	64	545	0.259	ug/l #	43
11) Tert butyl alcohol	5.524	59	2478	5.272	ug/l #	72
13) Acrolein	4.165	56	181	0.341	ug/l #	16
16) Acetone	4.424	43	33671	35.452	ug/l	97
17) Carbon Disulfide	4.712	76	1953	0.288	ug/l #	75
18) Methyl Acetate	5.024	43	1862	0.354	ug/l #	81
20) Methylene Chloride	5.277	84	30137	9.945	ug/l	91
25) 2-Butanone	7.483	43	14819	8.348	ug/l #	79
29) Tetrahydrofuran	7.847	42	2057	1.777	ug/l #	77
31) Cyclohexane	8.224	56	5390	1.140	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	21043	3.967	ug/l #	48
37) Ethyl Acetate	7.553	43	3366	0.841	ug/l #	87
38) Carbon Tetrachloride	8.224	117	28499	5.252	ug/l #	15
40) Benzene	8.600	78	2203	0.513	ug/l	92
41) Methacrylonitrile	7.841	41	1005	0.407	ug/l #	27
43) Isopropyl Acetate	8.688	43	142581	21.977	ug/l #	90
45) 1,2-Dichloropropane	9.747	63	2104	0.584	ug/l #	45
48) Methyl methacrylate	9.665	41	5279	1.465	ug/l #	27
49) 1,4-Dioxane	9.694	88	150	2.605	ug/l #	30
51) 4-Methyl-2-Pentanone	10.441	43	14065	3.812	ug/l #	74
54) cis-1,3-Dichloropropene	10.359	75	65355	11.392	ug/l #	61
56) Ethyl methacrylate	10.988	69	2050	0.626	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	8644	1.525	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	801	0.346	ug/l #	57
59) 2-Hexanone	11.171	43	146643	52.727	ug/l #	19
74) N-amyl acetate	12.453	43	2698	0.438	ug/l #	36
76) 1,2,3-Trichloropropane	12.847	75	118137	21.513	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	118137	58.273	ug/l #	15
86) p-Isopropyltoluene	13.729	119	2237	0.606	ug/l	86
89) n-Butylbenzene	14.059	91	2986	0.245	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	1911	0.449	ug/l	93
94) Hexachlorobutadiene	15.500	225	1233	0.561	ug/l	85
95) Naphthalene	15.641	128	5761	0.435	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.841	180	1736	0.403	ug/l	90

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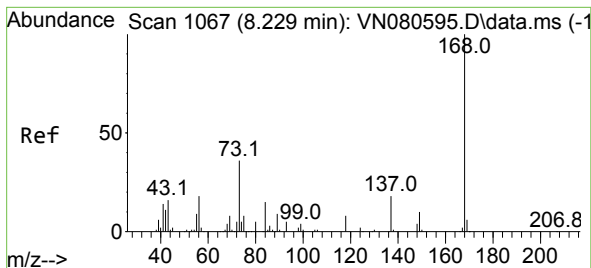
Quant Time: Jan 04 01:58:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

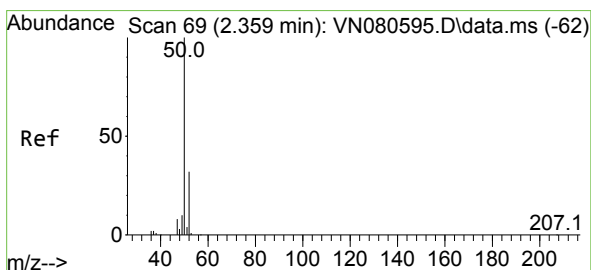
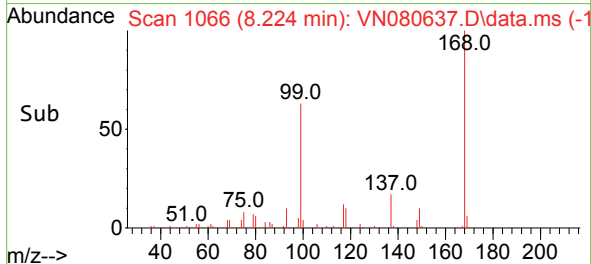
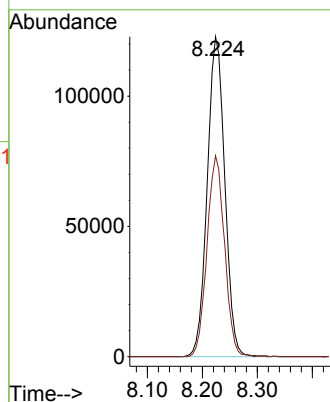
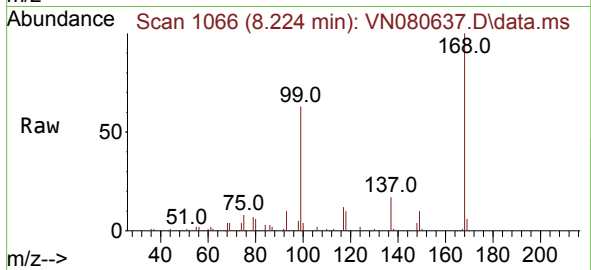
ClientSampleId :

Tgt Ion:168 Resp: 272387

Ion Ratio Lower Upper

168 100

99 62.8 53.0 79.6



#3

Chloromethane

Concen: 1.228 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080637.D

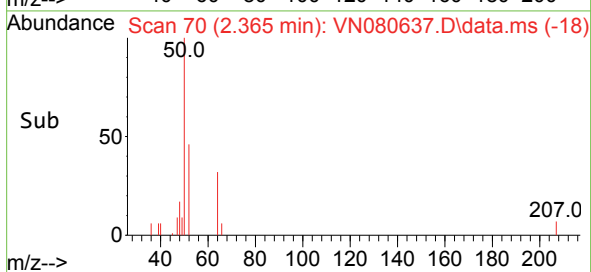
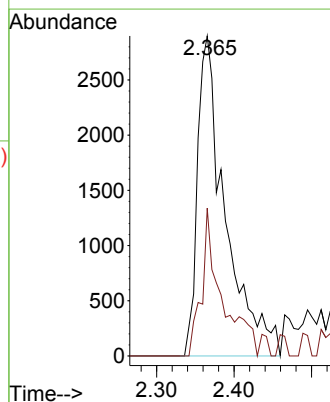
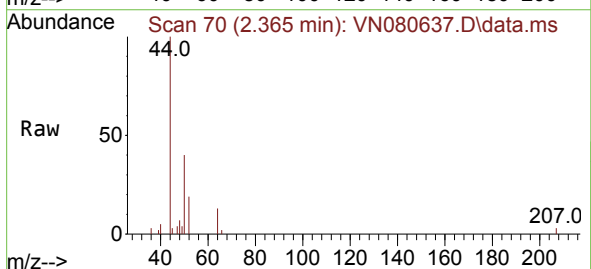
Acq: 03 Jan 2024 14:09

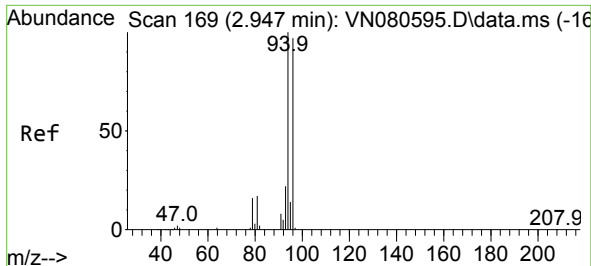
Tgt Ion: 50 Resp: 7215

Ion Ratio Lower Upper

50 100

52 46.2 26.5 39.7#

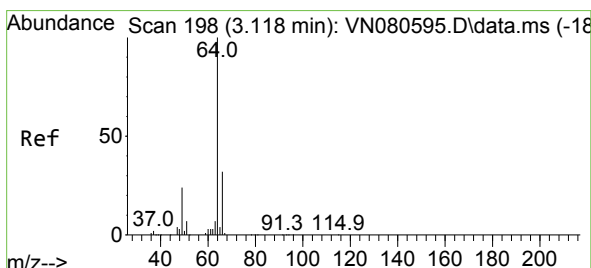
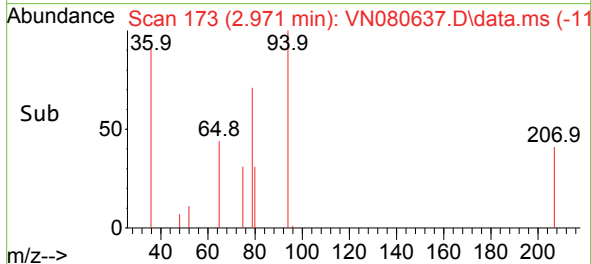
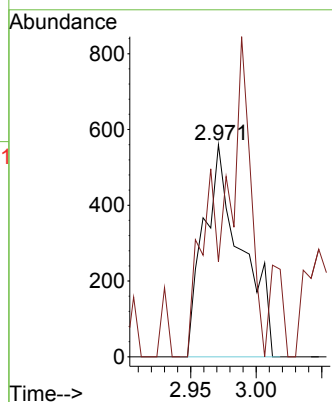
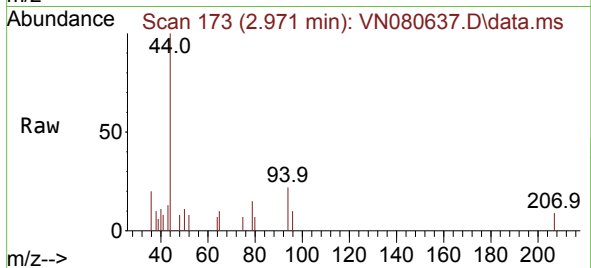




#5
Bromomethane
Concen: 0.870 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

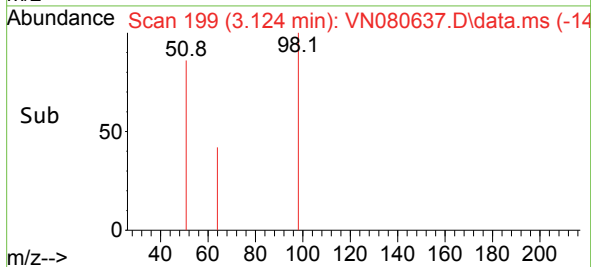
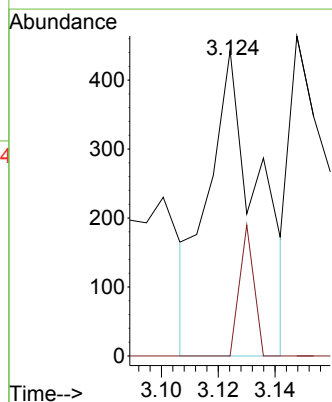
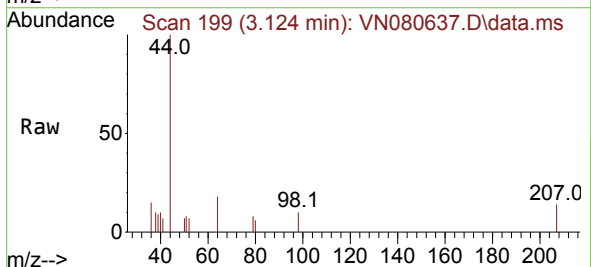
Instrument :
MSVOA_N
ClientSampleId :

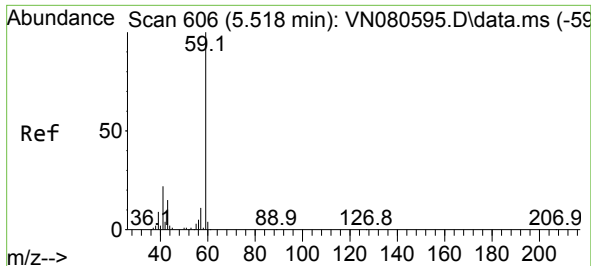
Tgt Ion: 94 Resp: 1113
Ion Ratio Lower Upper
94 100
96 44.8 73.1 109.7#



#6
Chloroethane
Concen: 0.259 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 64 Resp: 545
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 5.272 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

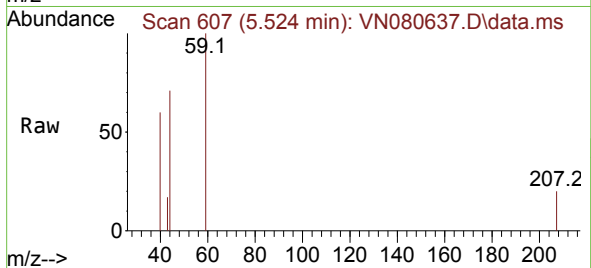
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Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

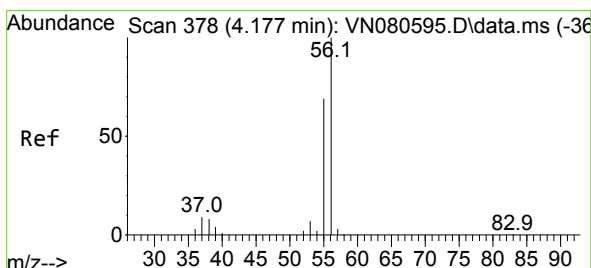
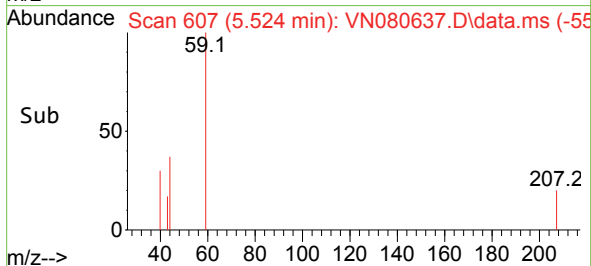
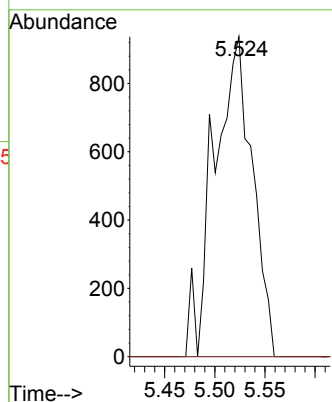


Tgt Ion: 59 Resp: 2478

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.341 ug/l

RT: 4.165 min Scan# 376

Delta R.T. -0.012 min

Lab File: VN080637.D

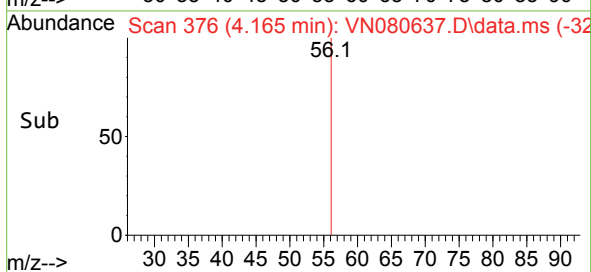
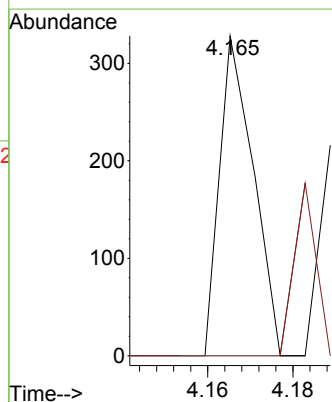
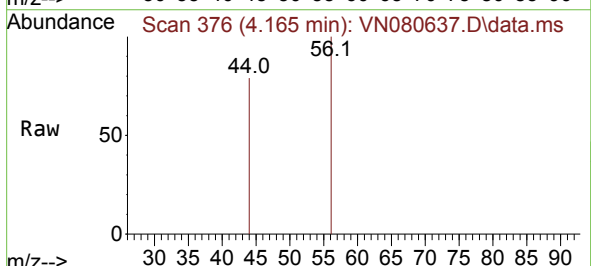
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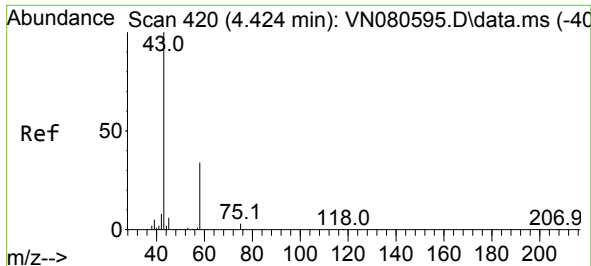
Tgt Ion: 56 Resp: 181

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#

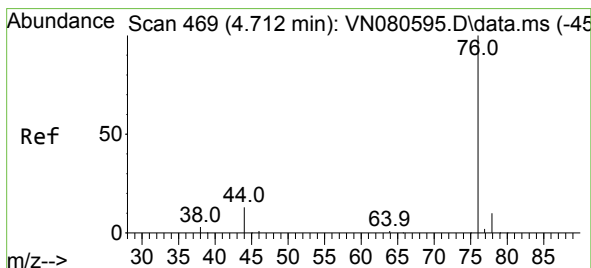
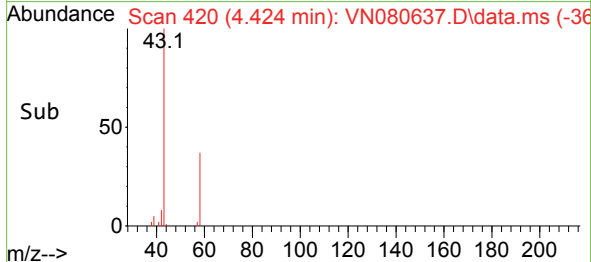
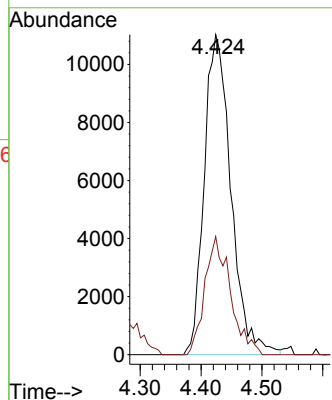
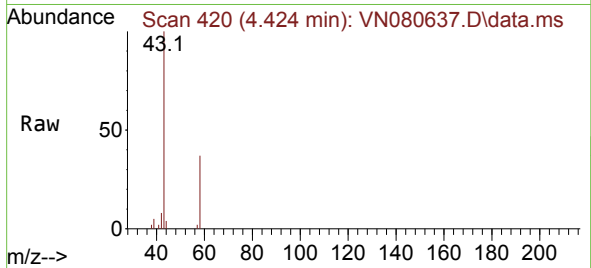




#16
Acetone
Concen: 35.452 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

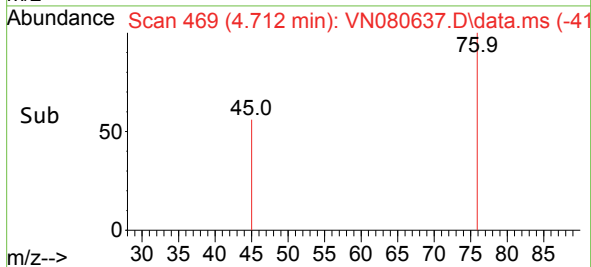
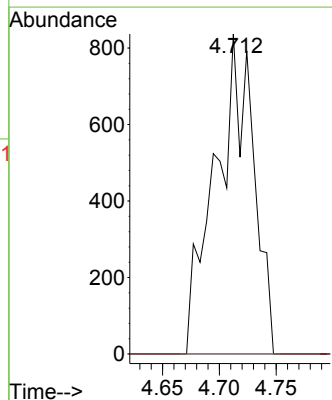
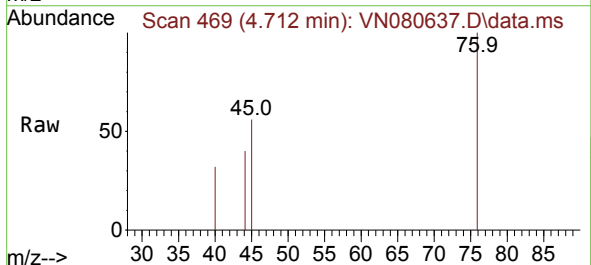
Instrument :
MSVOA_N
ClientSampleId :

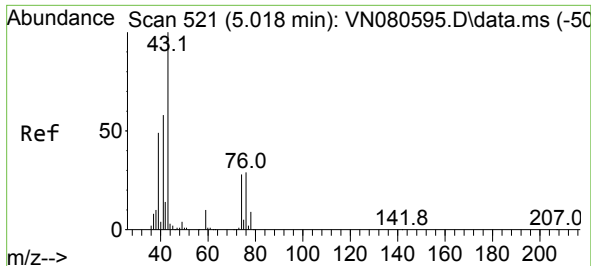
Tgt Ion: 43 Resp: 33671
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0



#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

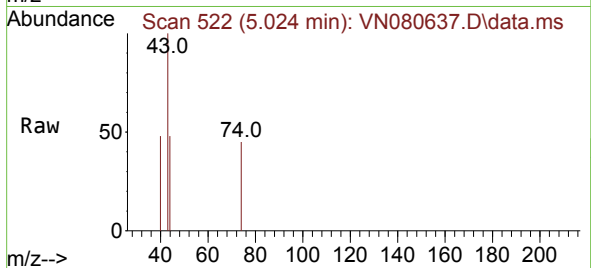
Tgt Ion: 76 Resp: 1953
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



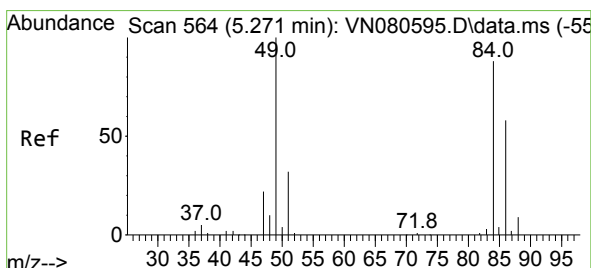
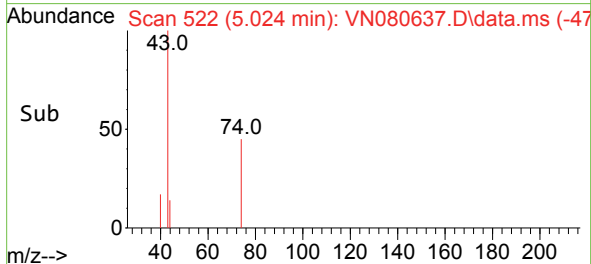
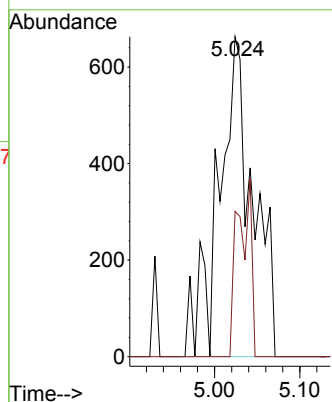


#18
Methyl Acetate
Concen: 0.354 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

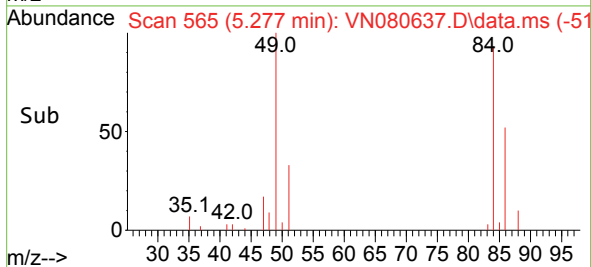
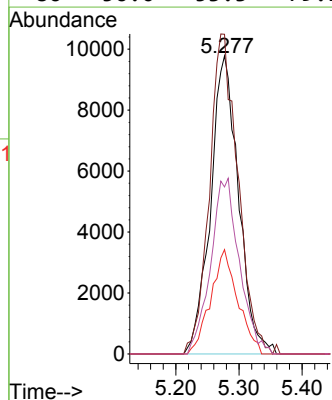
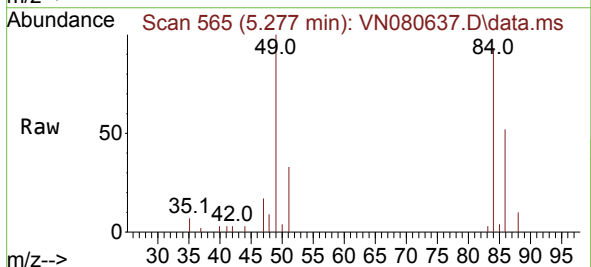


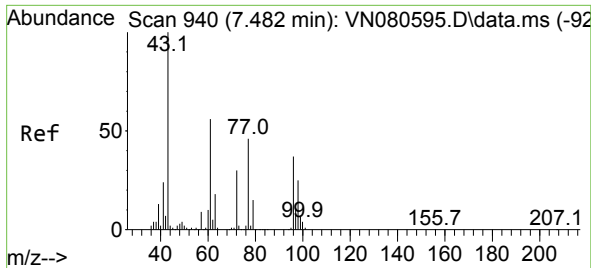
Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
74 22.0 26.2 39.4#



#20
Methylene Chloride
Concen: 9.945 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 84 Resp: 30137
Ion Ratio Lower Upper
84 100
49 107.2 79.7 119.5
51 35.0 25.2 37.8
86 56.0 53.3 79.9

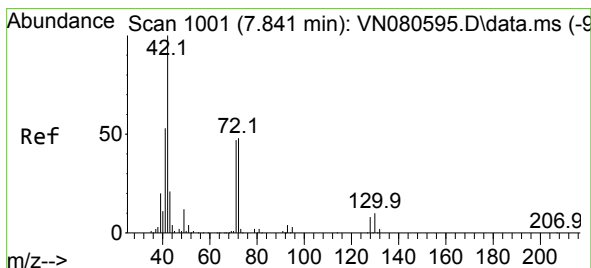
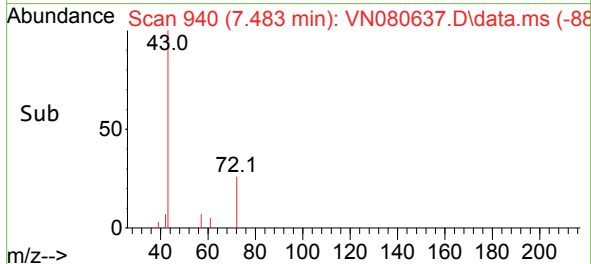
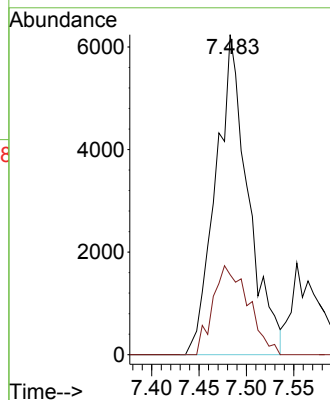
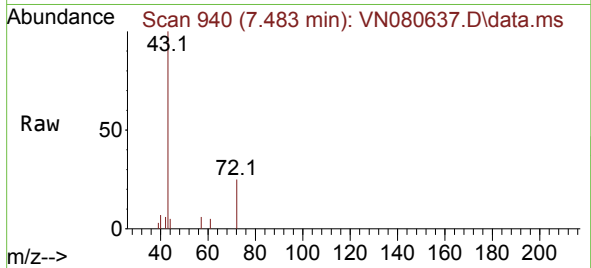




#25
2-Butanone
Concen: 8.348 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

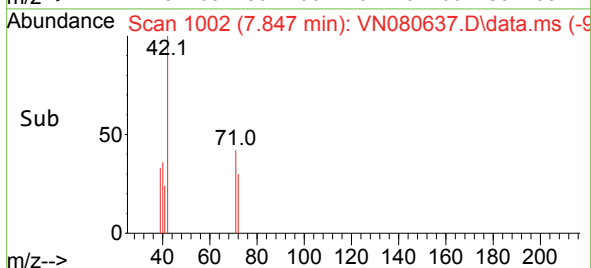
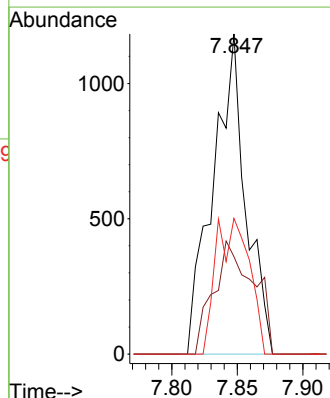
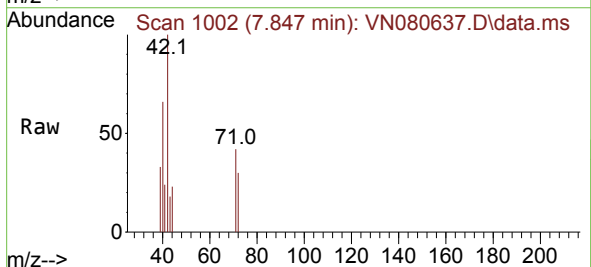
Instrument :
MSVOA_N
ClientSampleId :

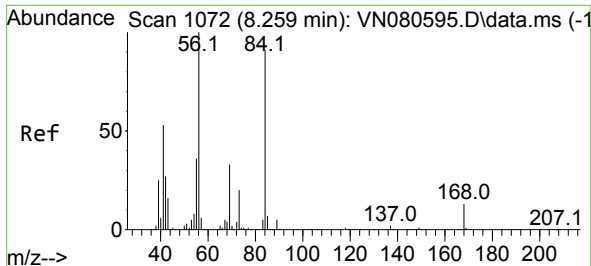
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Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 1.777 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

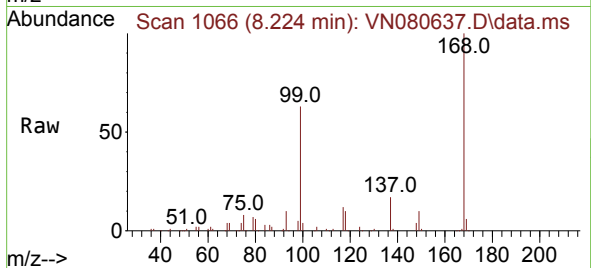
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Ion Ratio Lower Upper
42 100
72 43.0 49.8 74.6#
71 43.1 47.4 71.2#



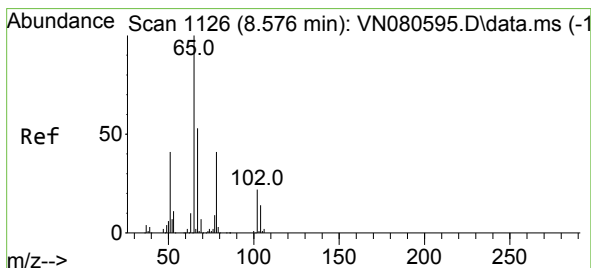
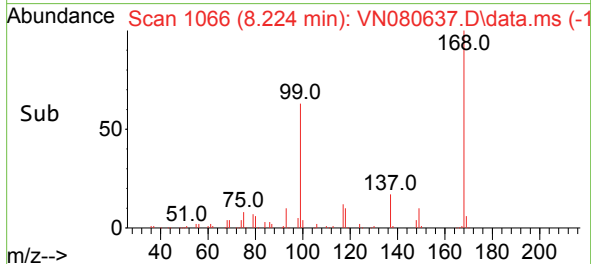
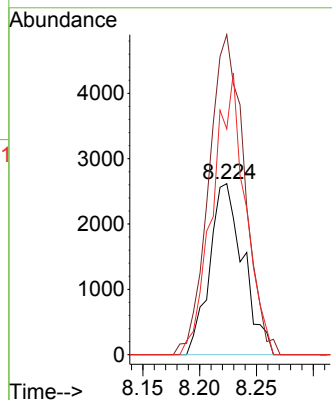


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

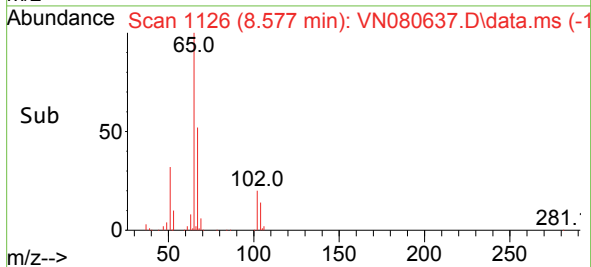
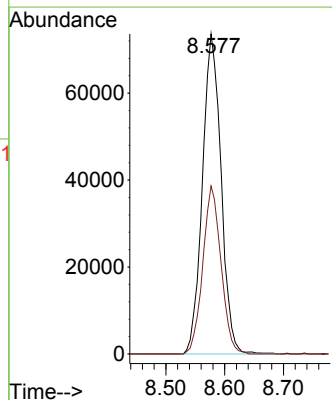
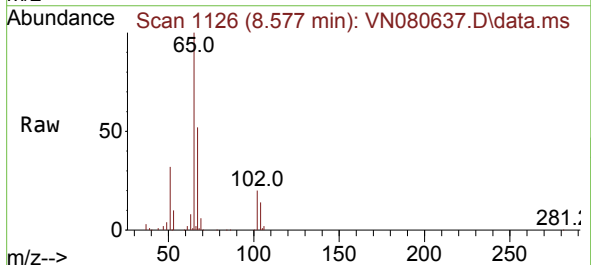


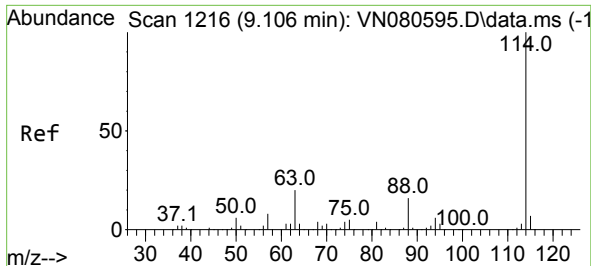
Tgt Ion: 56 Resp: 5390
Ion Ratio Lower Upper
56 100
69 187.0 26.8 40.2#
84 132.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.389 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 65 Resp: 162083
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

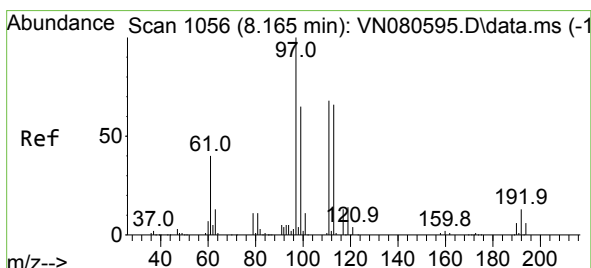
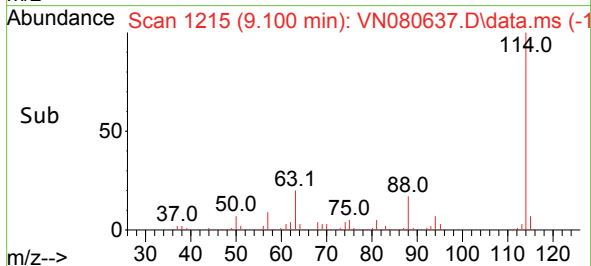
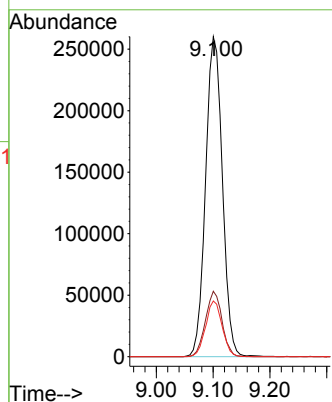
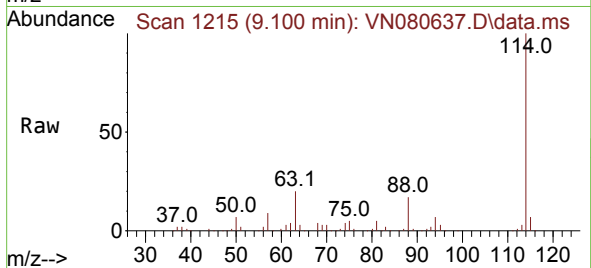
Tgt Ion:114 Resp: 532930

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.166 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

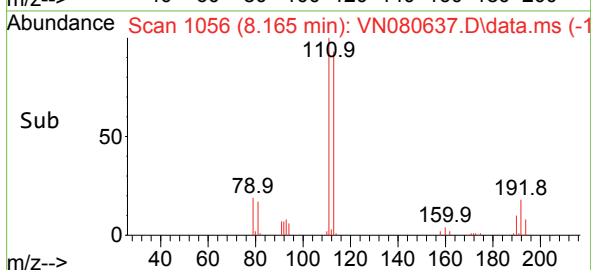
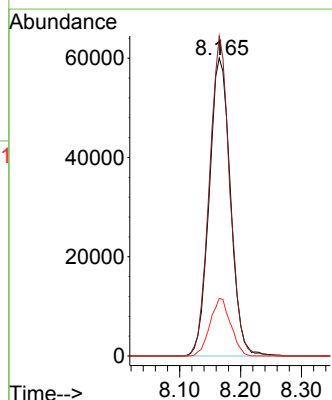
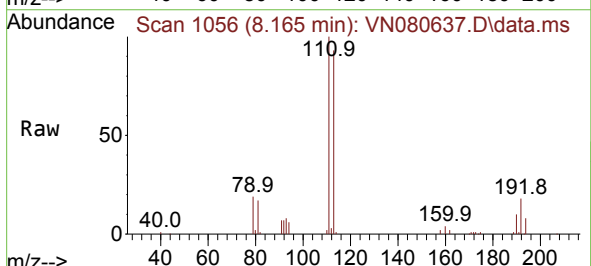
Tgt Ion:113 Resp: 145336

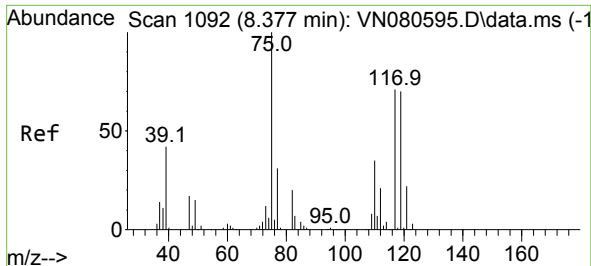
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

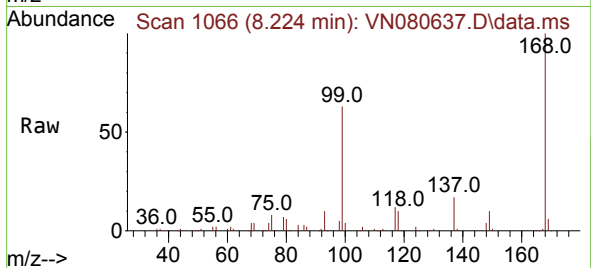
192 18.7 12.7 19.1



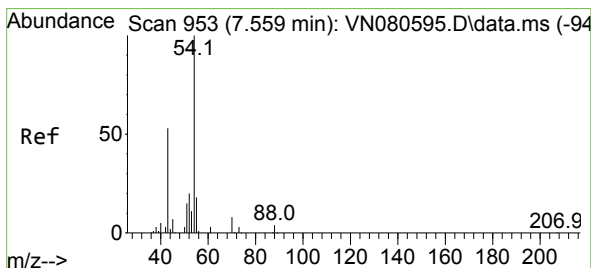
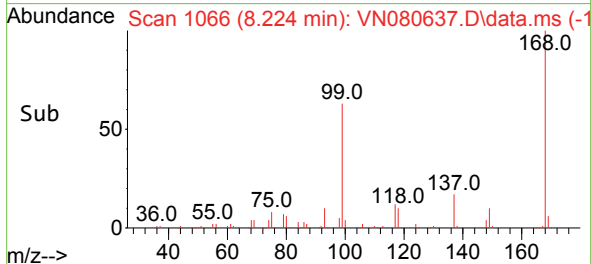
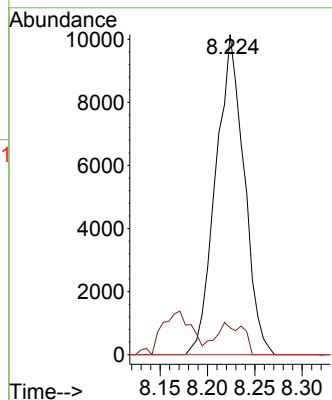


#36
1,1-Dichloropropene
Concen: 3.967 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

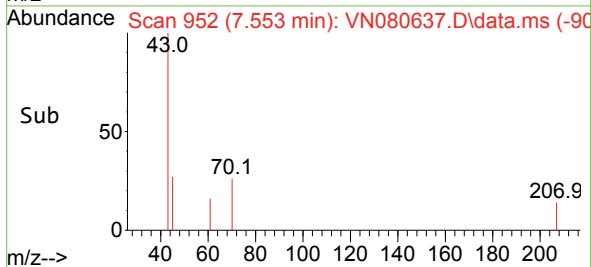
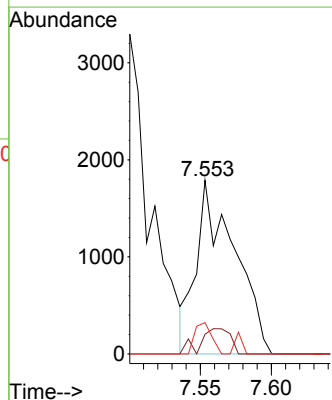
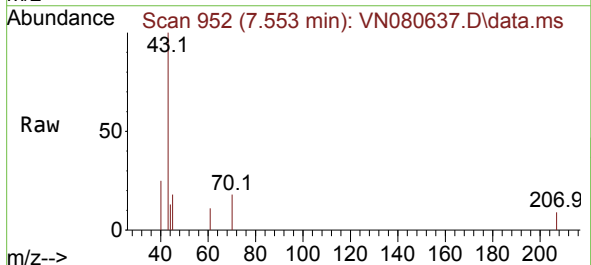


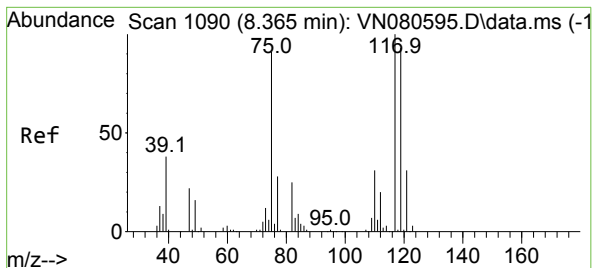
Tgt Ion: 75 Resp: 21043
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.841 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 43 Resp: 3366
Ion Ratio Lower Upper
43 100
61 11.4 13.2 19.8#
70 8.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.252 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

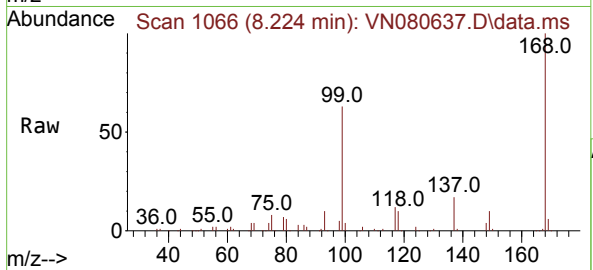
Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :



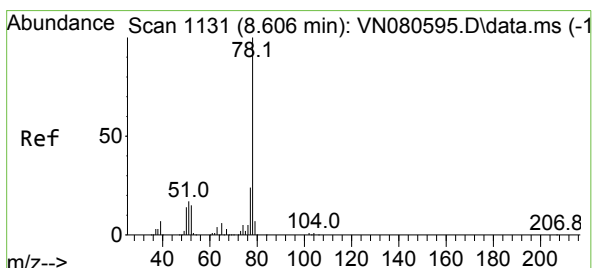
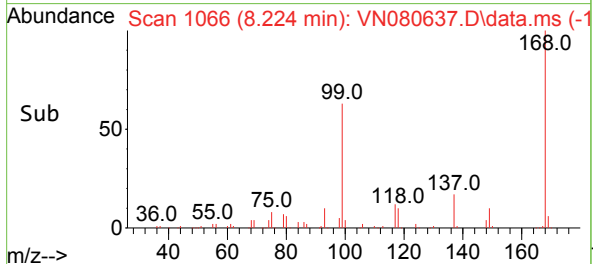
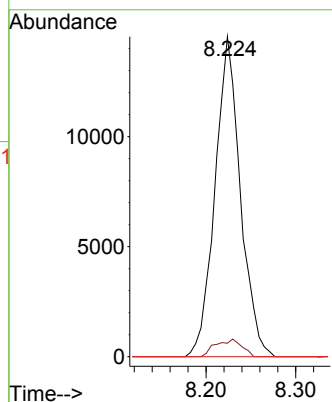
Tgt Ion:117 Resp: 28499

Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 23.3 34.9#



#40

Benzene

Concen: 0.513 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN080637.D

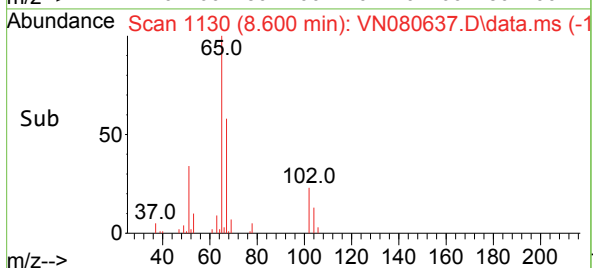
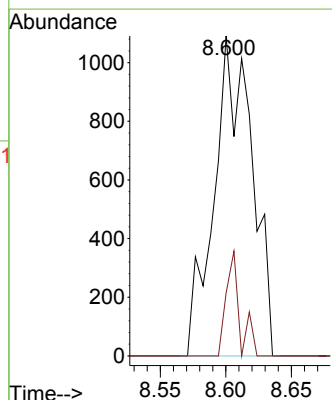
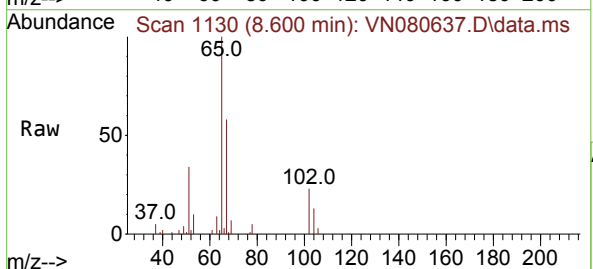
Acq: 03 Jan 2024 14:09

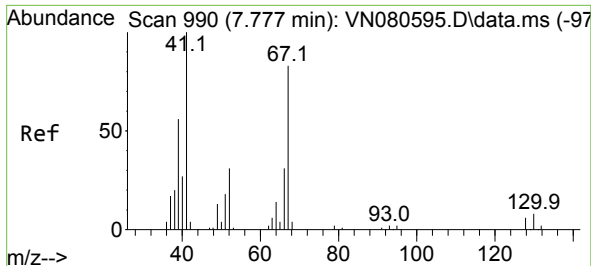
Tgt Ion: 78 Resp: 2203

Ion Ratio Lower Upper

78 100

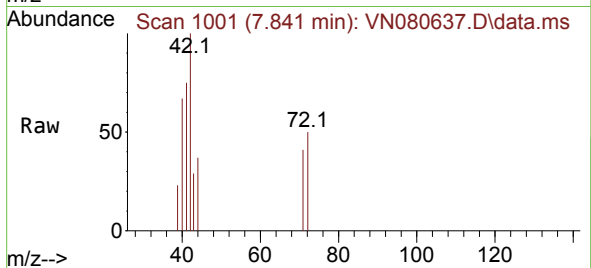
77 19.7 19.0 28.6



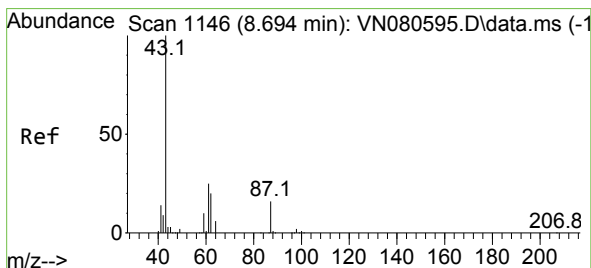
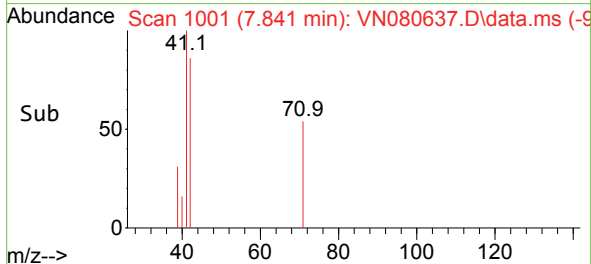
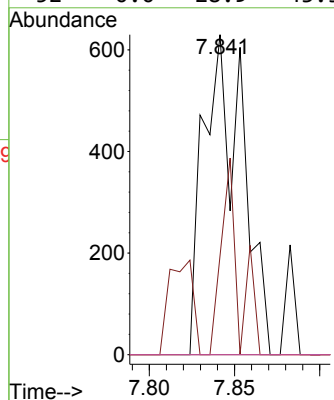


#41
Methacrylonitrile
Concen: 0.407 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

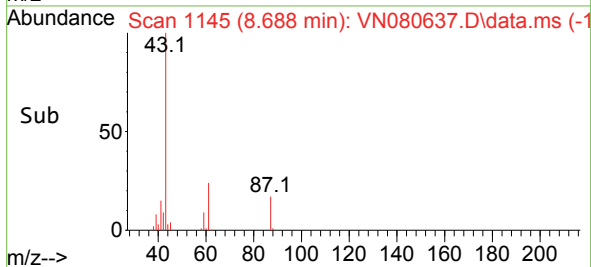
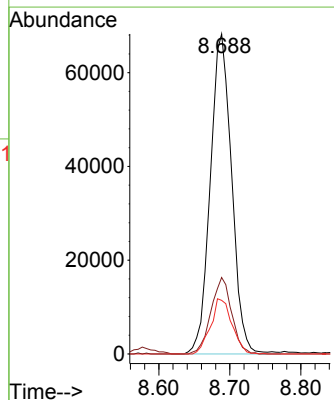
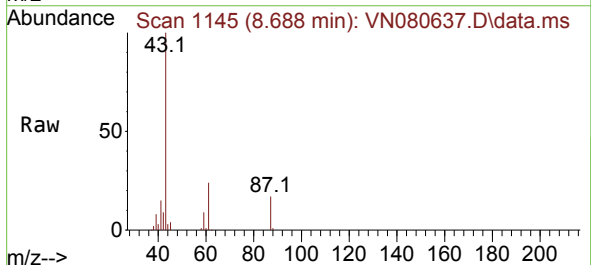


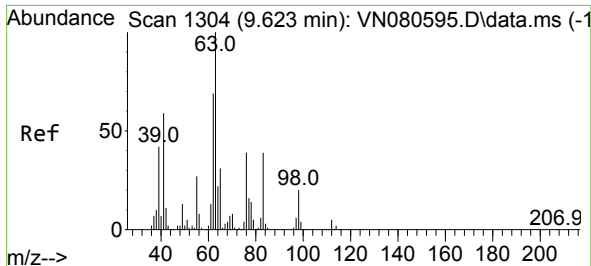
Tgt Ion: 41 Resp: 1005
Ion Ratio Lower Upper
41 100
39 28.0 42.6 64.0#
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#



#43
Isopropyl Acetate
Concen: 21.977 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 43 Resp: 142581
Ion Ratio Lower Upper
43 100
61 23.1 24.7 37.1#
87 17.2 14.6 21.8





#45

1,2-Dichloropropane

Concen: 0.584 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.124 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

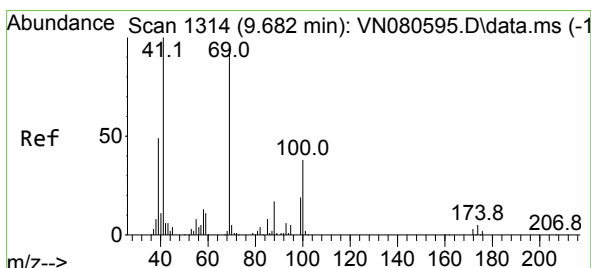
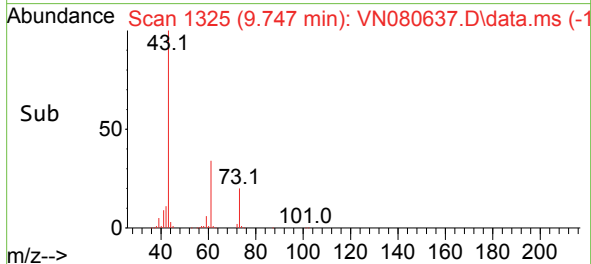
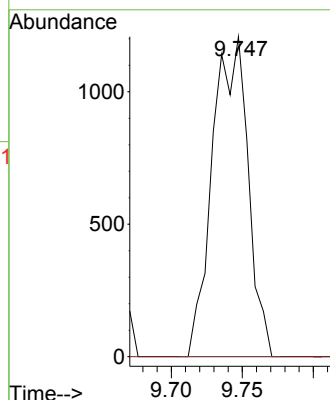
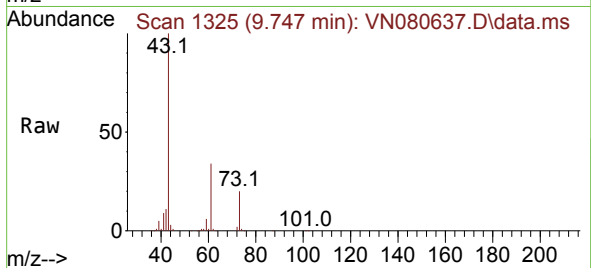
ClientSampleId :

Tgt Ion: 63 Resp: 2104

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.465 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.017 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

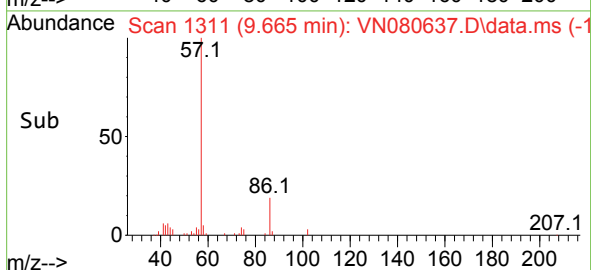
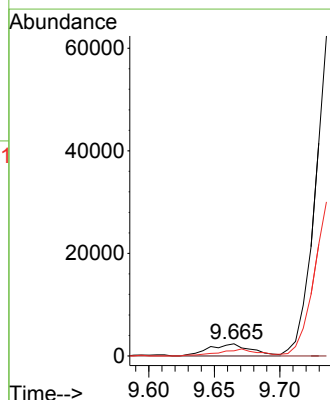
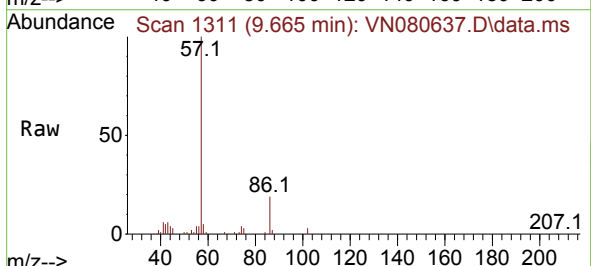
Tgt Ion: 41 Resp: 5279

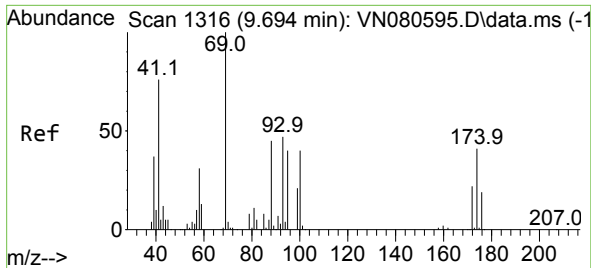
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

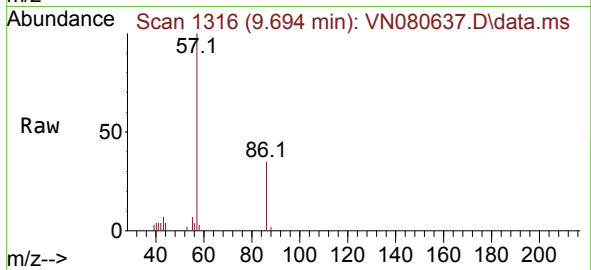
39 51.4 54.6 81.8#



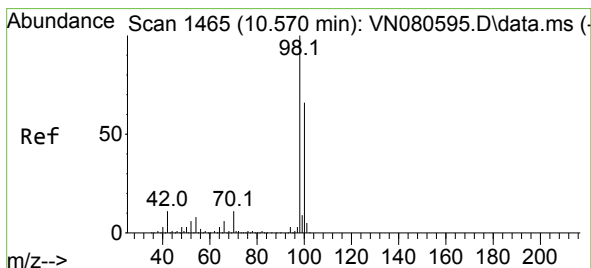
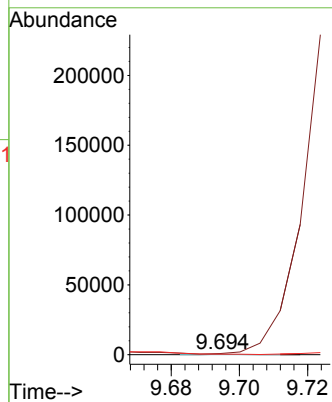
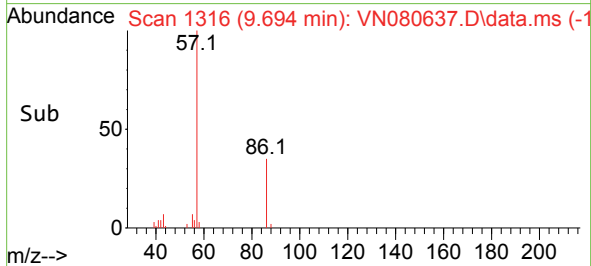


#49
1,4-Dioxane
Concen: 2.605 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

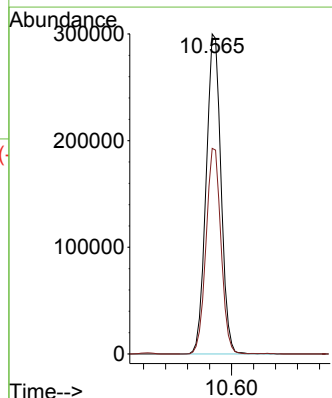
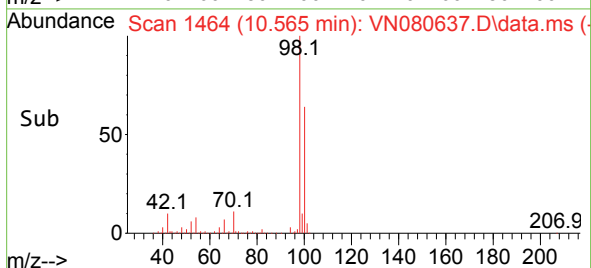
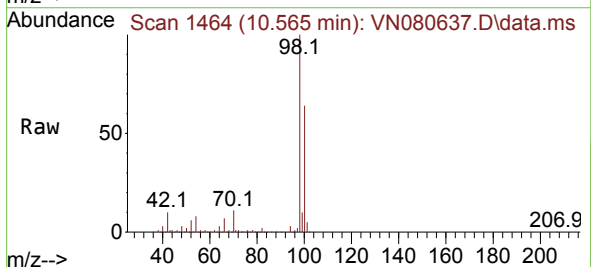


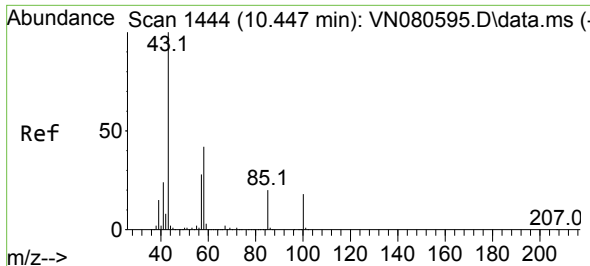
Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 46.624 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

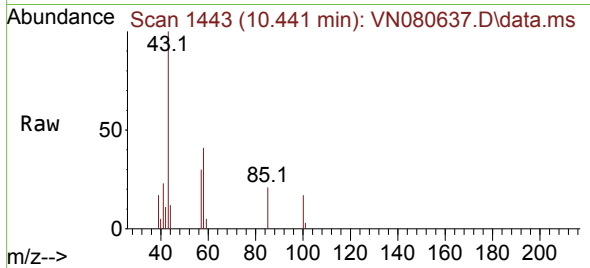
Tgt Ion: 98 Resp: 561091
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



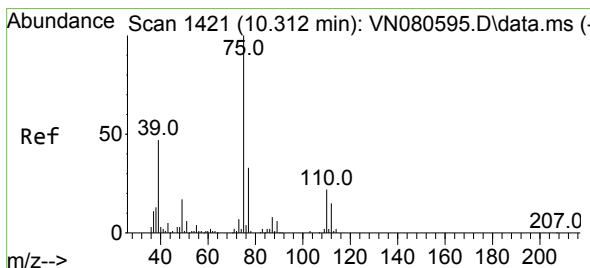
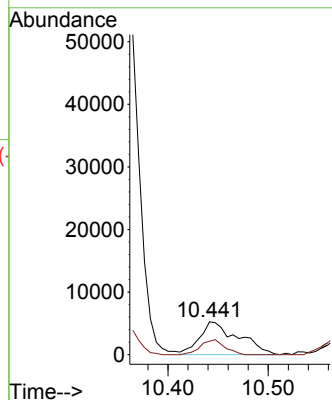
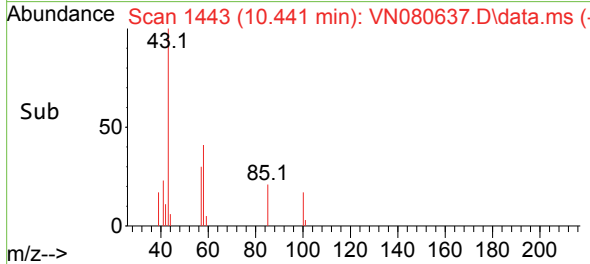


#51
4-Methyl-2-Pentanone
Concen: 3.812 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

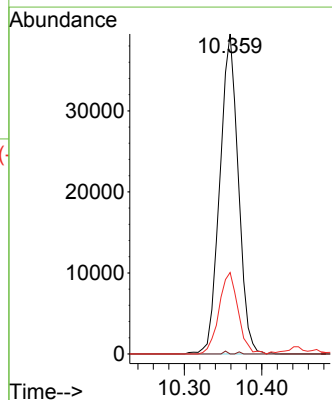
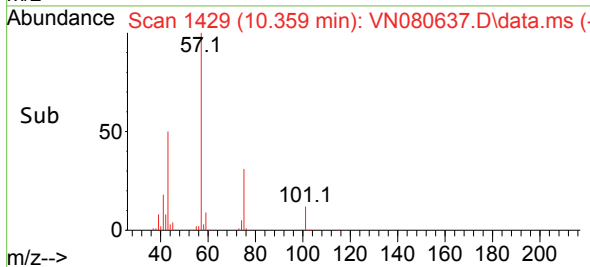
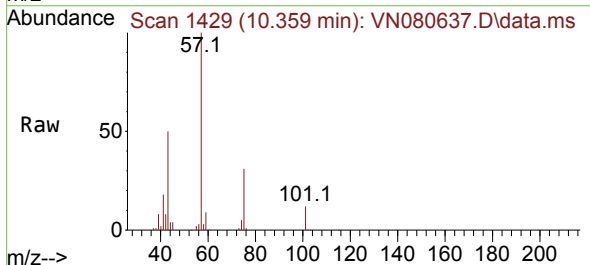


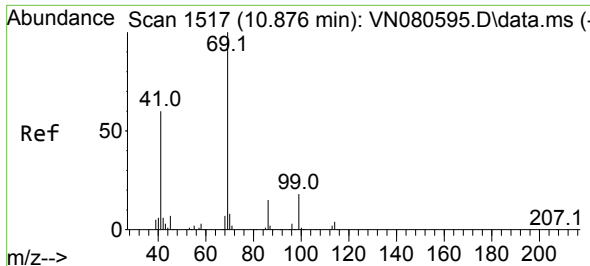
Tgt Ion: 43 Resp: 14065
Ion Ratio Lower Upper
43 100
58 28.6 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 11.392 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

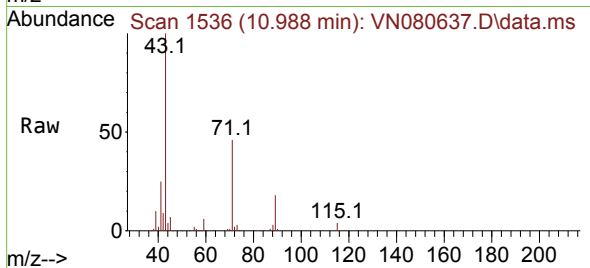
Tgt Ion: 75 Resp: 65355
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 25.5 31.6 47.4#



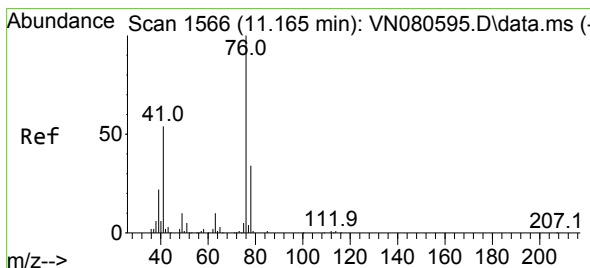
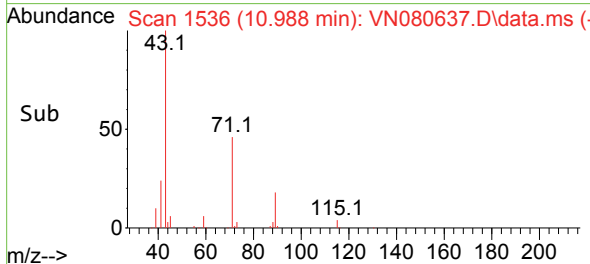
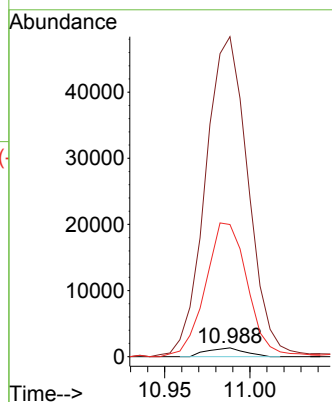


#56
Ethyl methacrylate
Concen: 0.626 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :

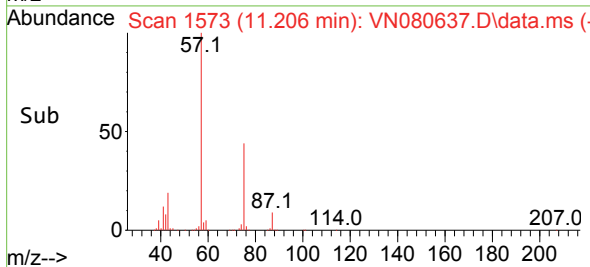
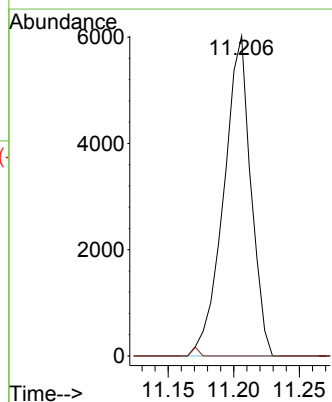
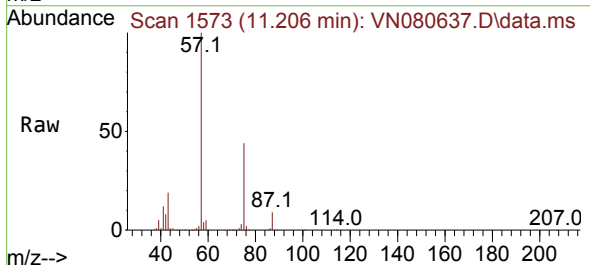


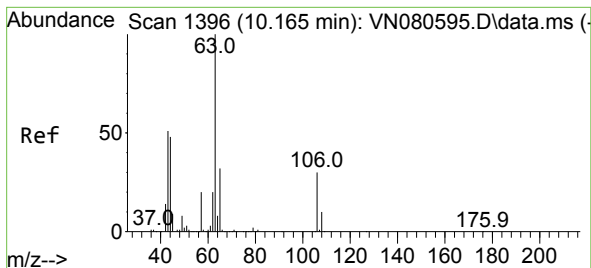
Tgt Ion: 69 Resp: 2050
Ion Ratio Lower Upper
69 100
41 4128.2 39.6 59.4#
39 1700.8 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.525 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 76 Resp: 8644
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

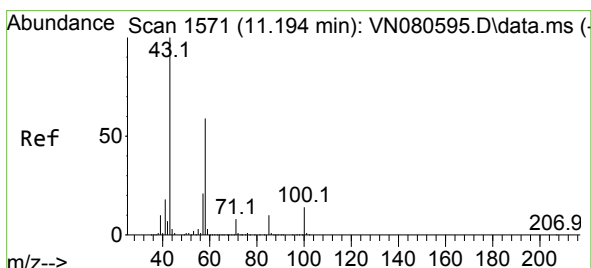
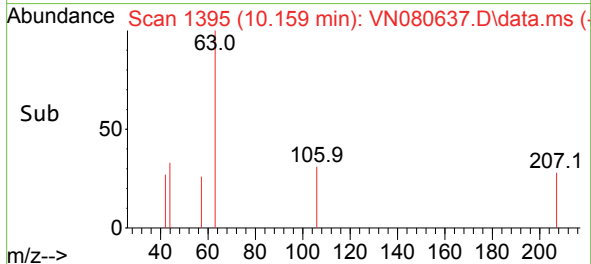
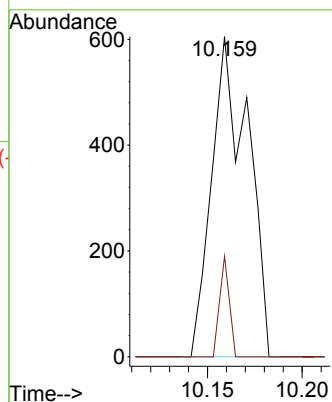
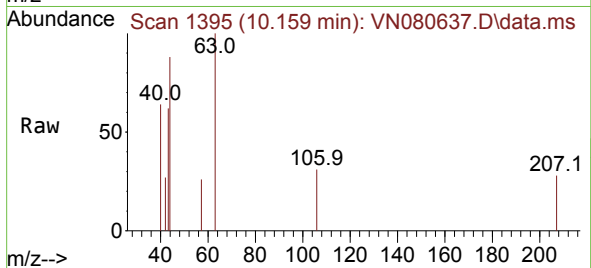




#58
2-Chloroethyl Vinyl ether
Concen: 0.346 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

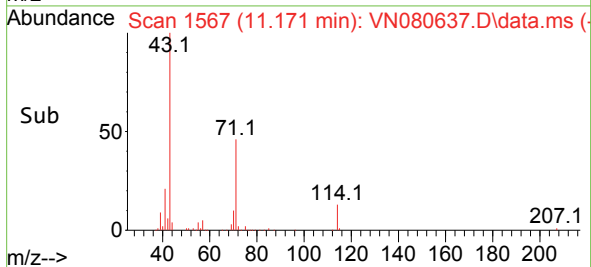
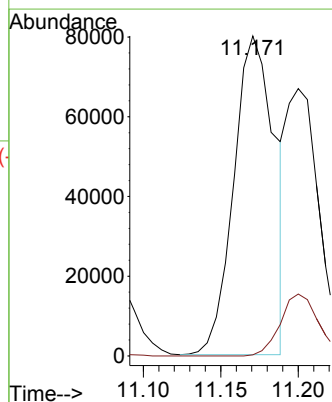
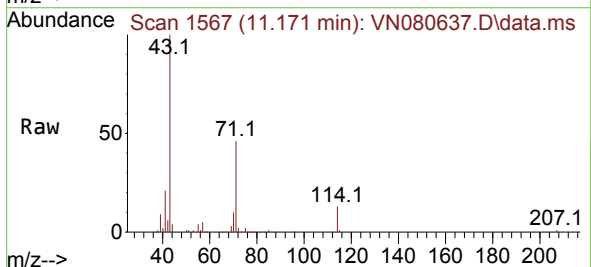
Instrument :
MSVOA_N
ClientSampleId :

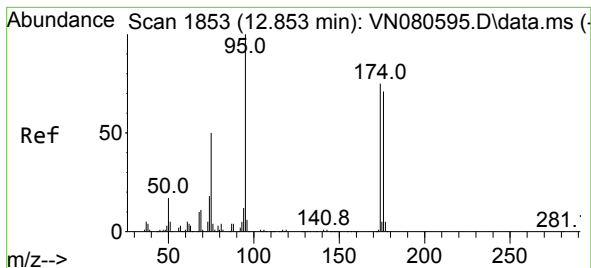
Tgt Ion: 63 Resp: 801
Ion Ratio Lower Upper
63 100
106 8.4 26.2 39.4#



#59
2-Hexanone
Concen: 52.727 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 43 Resp: 146643
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

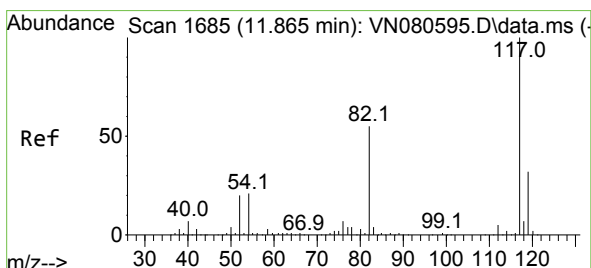
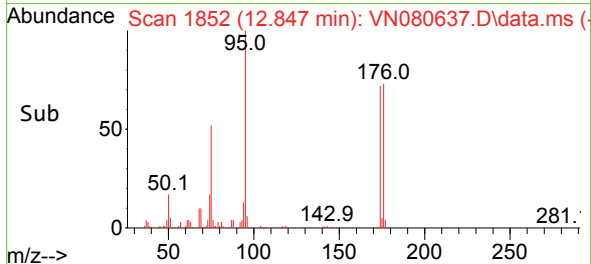
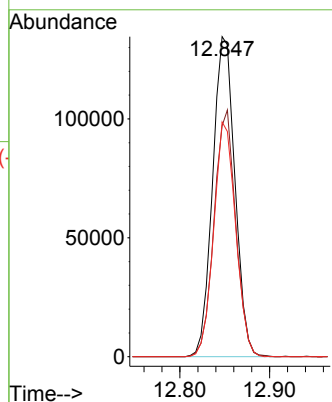
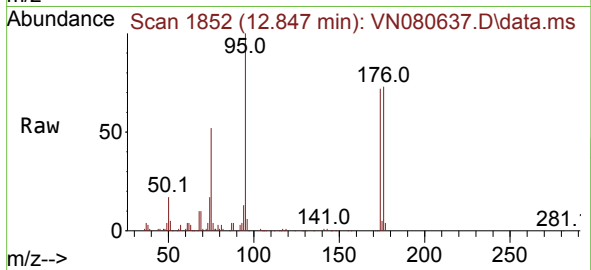




#62
4-Bromofluorobenzene
Concen: 57.337 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

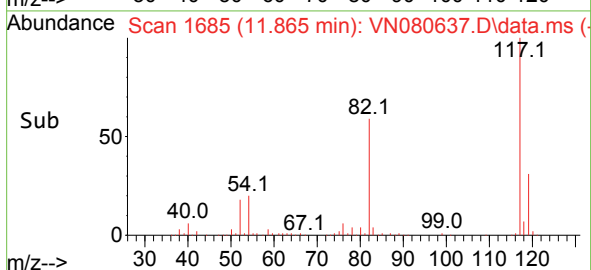
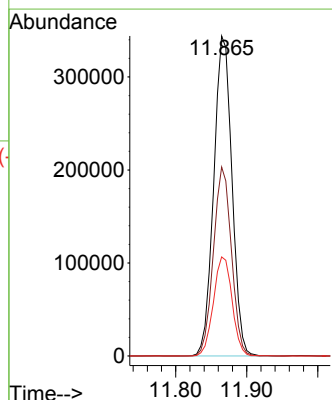
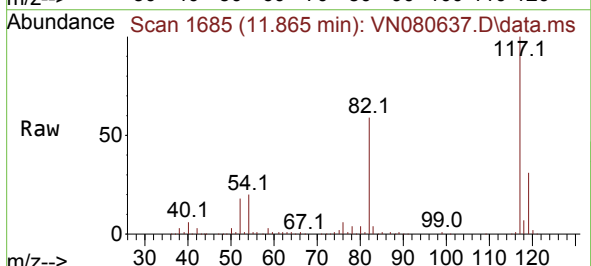
Instrument :
MSVOA_N
ClientSampleId :

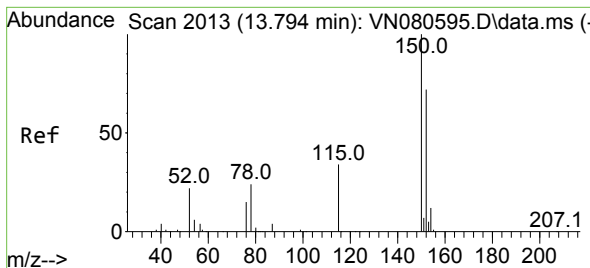
Tgt Ion: 95 Resp: 232224
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 72.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 117 Resp: 611541
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 30.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

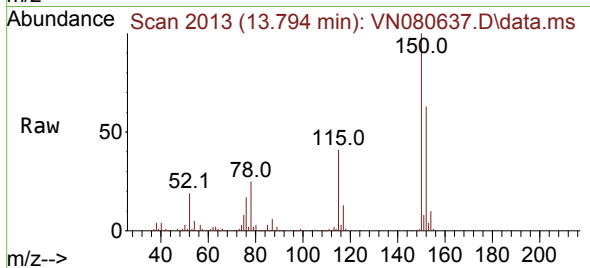
Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :



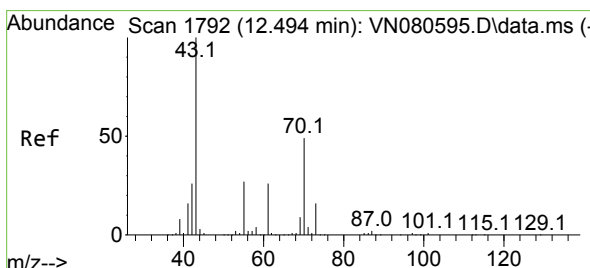
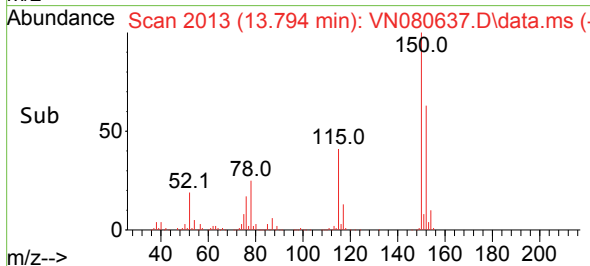
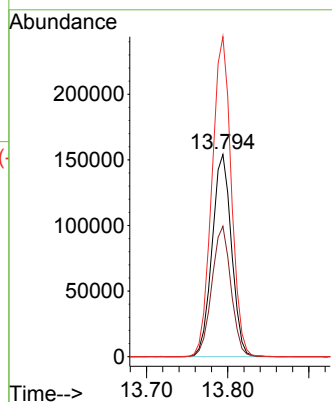
Tgt Ion:152 Resp: 255316

Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

150 157.7 0.0 355.8



#74

N-ethyl acetate

Concen: 0.438 ug/l

RT: 12.453 min Scan# 1785

Delta R.T. -0.041 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Tgt Ion: 43 Resp: 2698

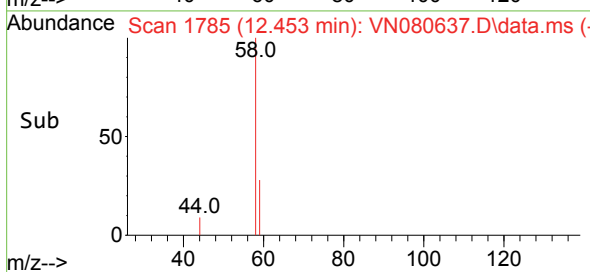
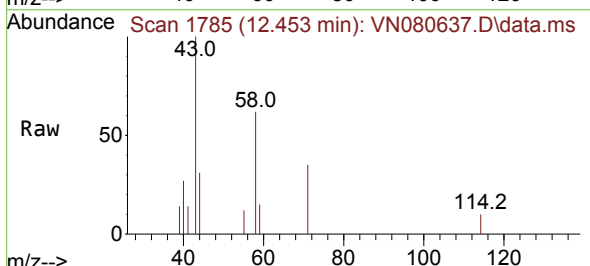
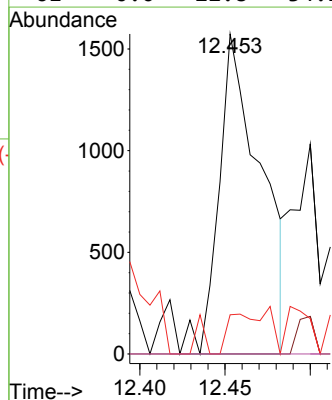
Ion Ratio Lower Upper

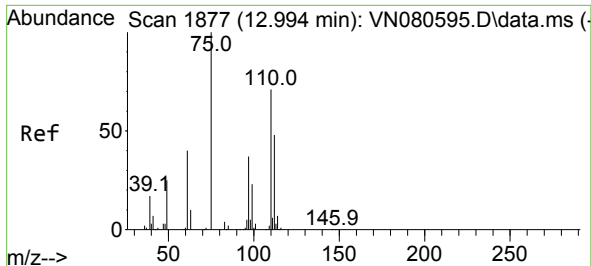
43 100

70 0.0 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#

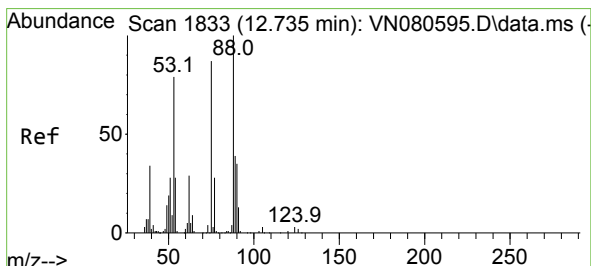
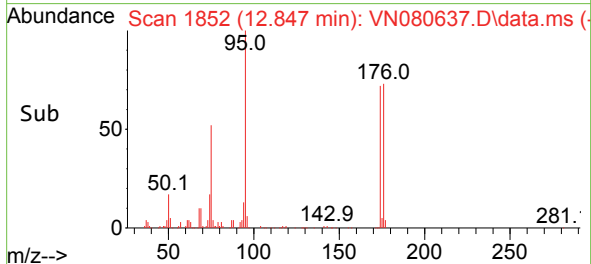
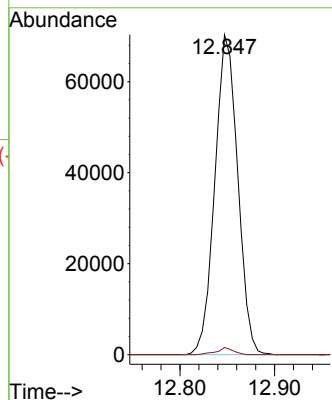
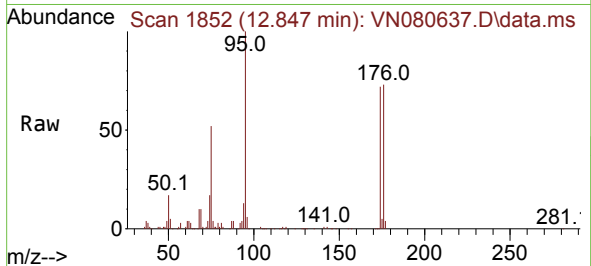




#76
1,2,3-Trichloropropane
Concen: 21.513 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

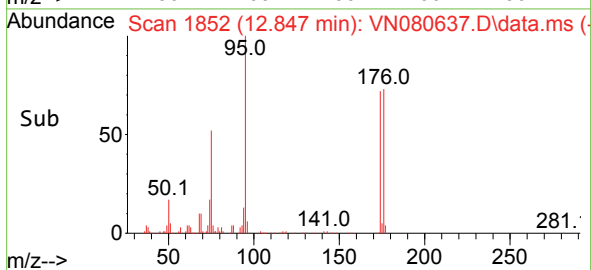
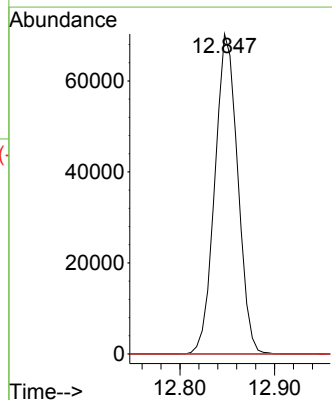
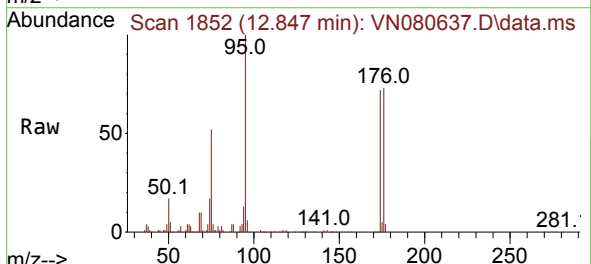
Instrument :
MSVOA_N
ClientSampleId :

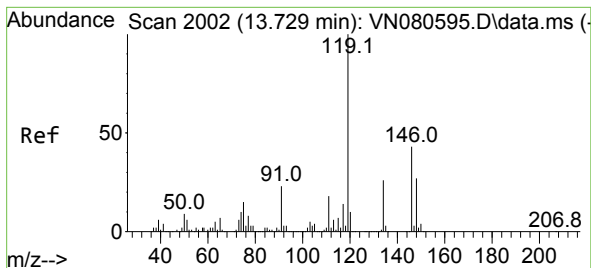
Tgt Ion: 75 Resp: 118137
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.273 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion: 75 Resp: 118137
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

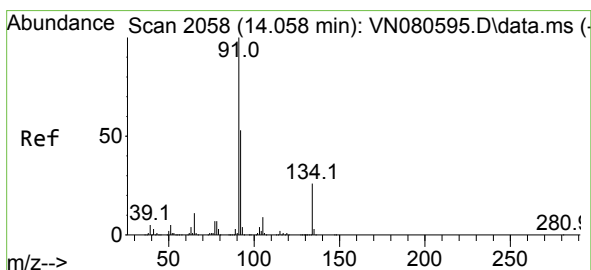
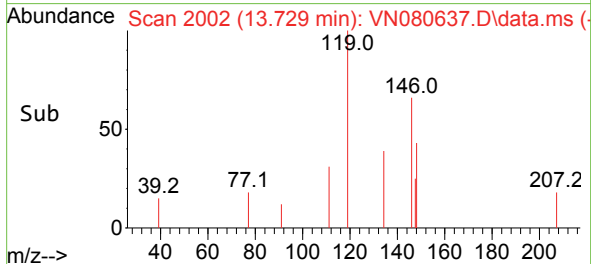
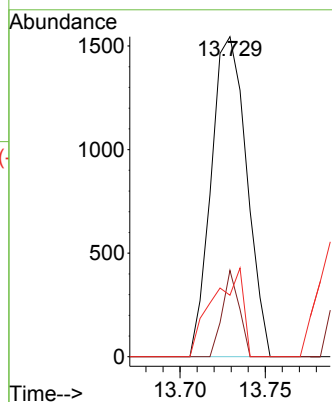
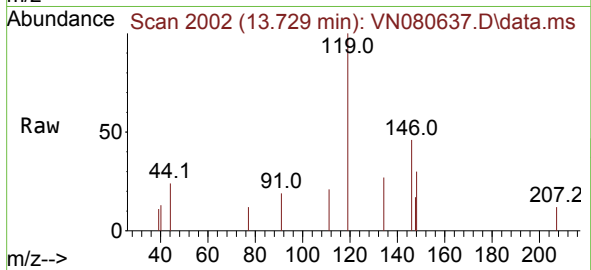




#86
p-Isopropyltoluene
Concen: 0.606 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

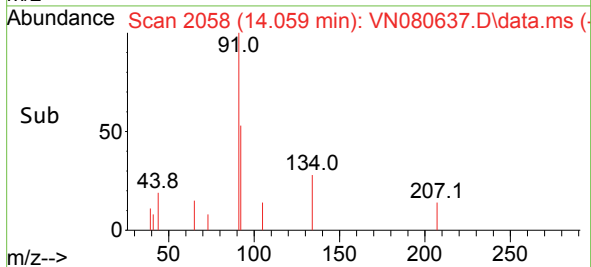
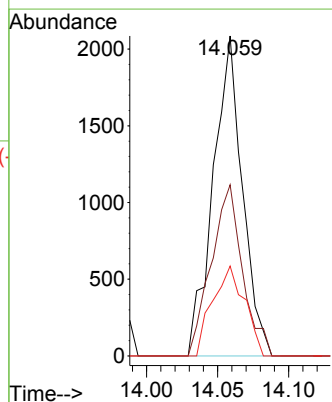
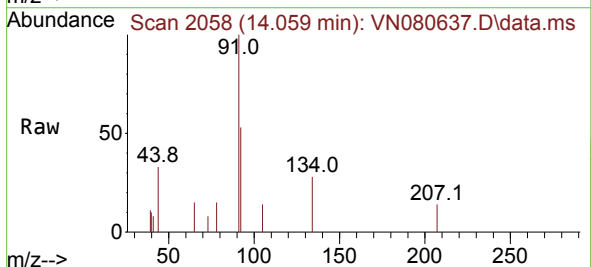
Instrument :
MSVOA_N
ClientSampleId :

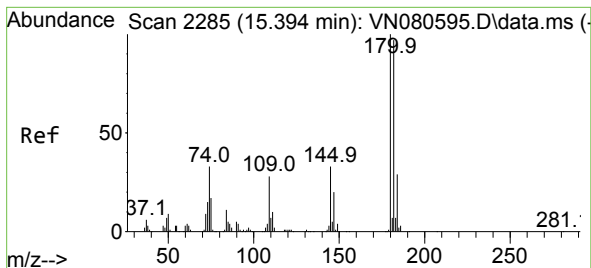
Tgt Ion	Ratio	Lower	Upper
119	100		
134	12.8	12.6	37.8
91	23.7	12.4	37.2



#89
n-Butylbenzene
Concen: 0.245 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080637.D
Acq: 03 Jan 2024 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.1	26.4	79.0
134	30.8	12.6	37.6





#93

1,2,4-Trichlorobenzene

Concen: 0.449 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

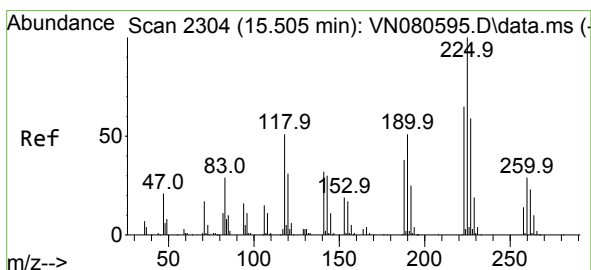
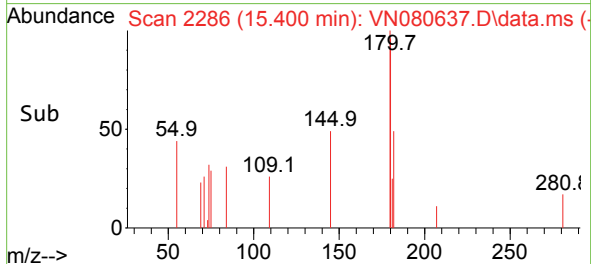
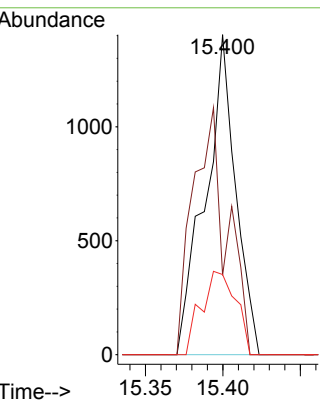
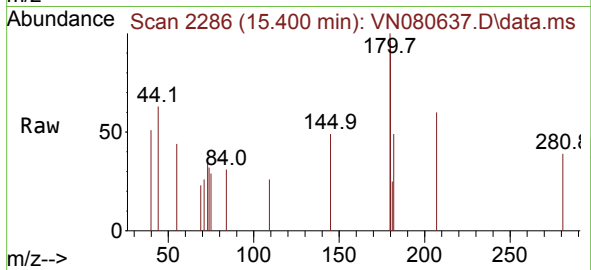
Tgt Ion:180 Resp: 1911

Ion Ratio Lower Upper

180 100

182 85.8 46.1 138.2

145 29.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.561 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

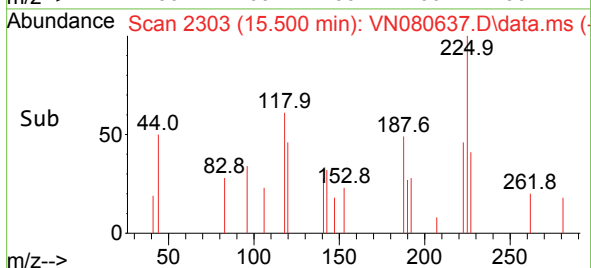
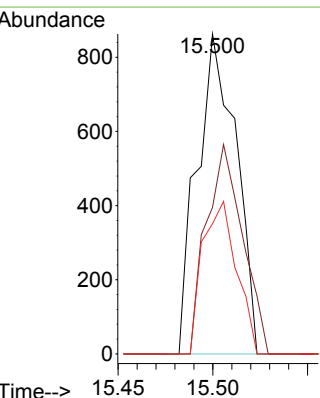
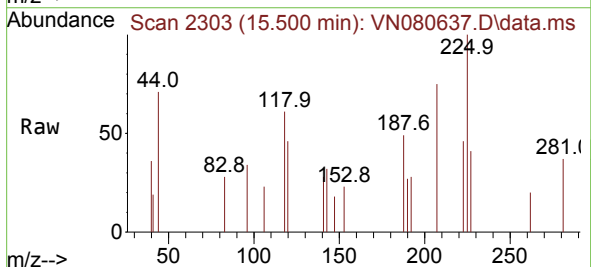
Tgt Ion:225 Resp: 1233

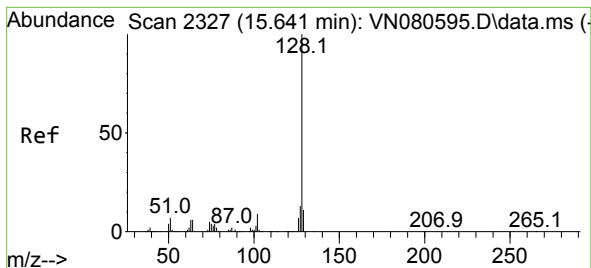
Ion Ratio Lower Upper

225 100

223 61.1 31.3 93.8

227 41.6 31.9 95.9





#95

Naphthalene

Concen: 0.435 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080637.D

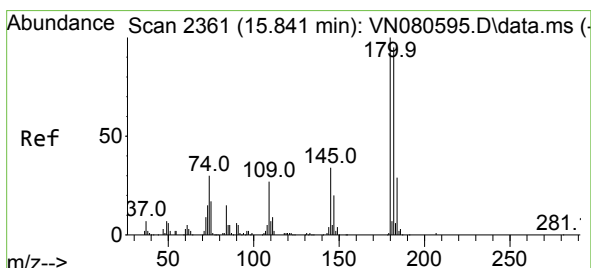
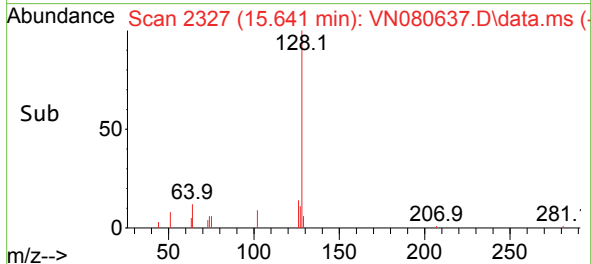
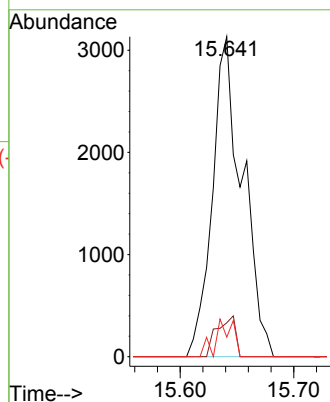
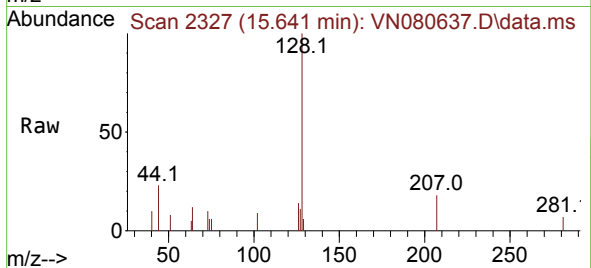
Acq: 03 Jan 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	5761
Ion Ratio	Lower	Upper
128	100	
127	7.8	10.0 15.0#
129	6.8	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.403 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080637.D

Acq: 03 Jan 2024 14:09

Tgt Ion:180	Resp:	1736
Ion Ratio	Lower	Upper
180	100	
182	104.4	46.2 138.6
145	37.0	17.5 52.6

