

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076588.D
 Acq On : 08 Feb 2023 18:34
 Operator : JC\MD
 Sample : 01418-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-20-020223

Quant Time: Feb 09 00:53:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

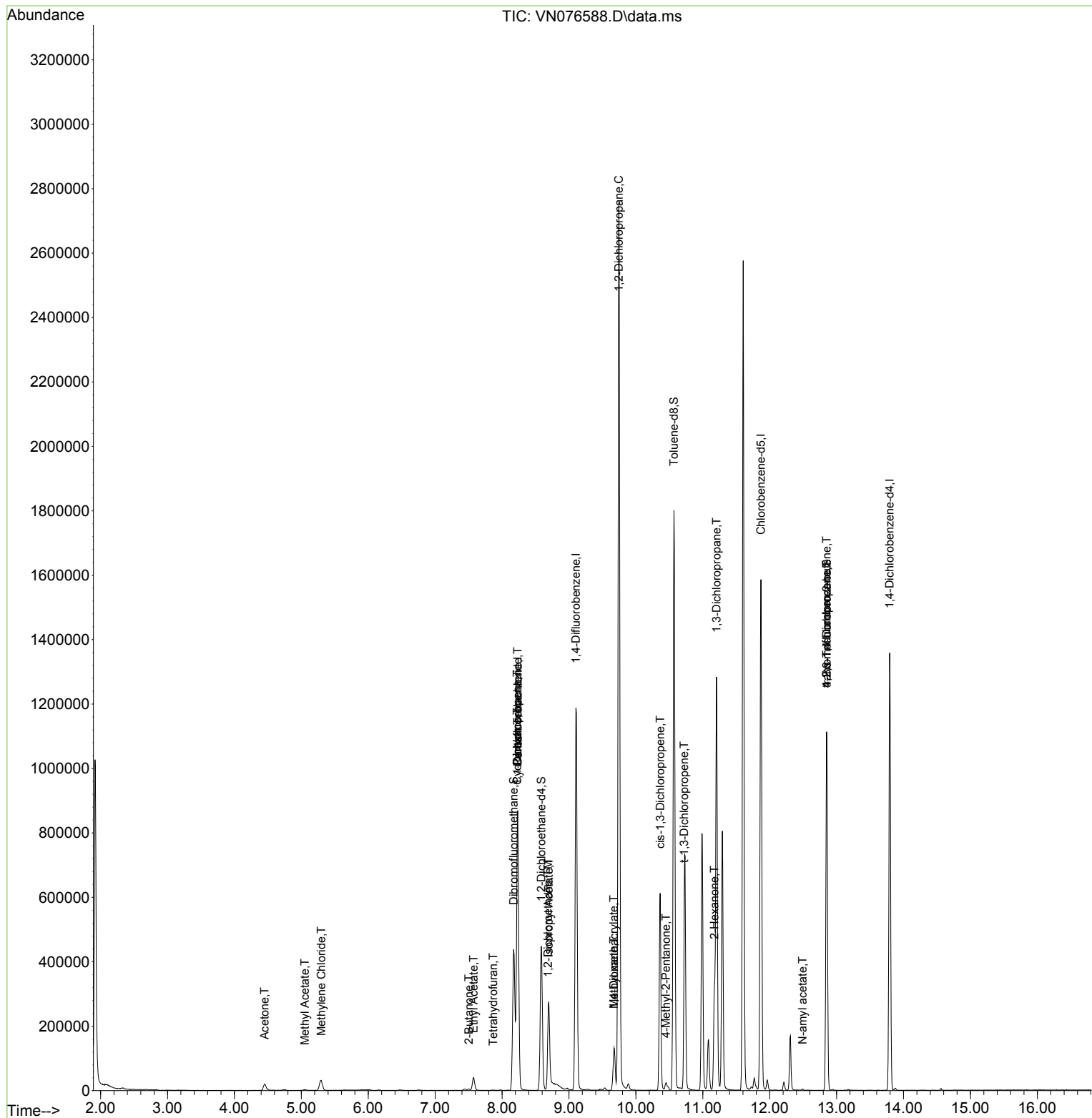
Internal Standards						
1) Pentafluorobenzene	8.233	168	652334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1116436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.868	117	987667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	382387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	375329	48.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.500%		
35) Dibromofluoromethane	8.175	113	330472	47.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.240%		
50) Toluene-d8	10.569	98	1297197	49.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.851	95	416653	45.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.600%		
Target Compounds						
					Qvalue	
16) Acetone	4.451	43	38230	15.060	ug/l	99
18) Methyl Acetate	5.051	43	4679	0.583	ug/l #	88
20) Methylene Chloride	5.298	84	28260	3.611	ug/l	98
25) 2-Butanone	7.504	43	6814	1.867	ug/l	94
29) Tetrahydrofuran	7.869	42	1024	0.437	ug/l #	65
31) Cyclohexane	8.227	56	10991	0.903	ug/l #	1
36) 1,1-Dichloropropene	8.227	75	49328	4.978	ug/l #	49
37) Ethyl Acetate	7.575	43	58967	7.943	ug/l	96
38) Carbon Tetrachloride	8.233	117	65821	6.178	ug/l #	16
42) 1,2-Dichloroethane	8.686	62	2191	0.224	ug/l #	71
43) Isopropyl Acetate	8.698	43	326159	26.403	ug/l #	86
45) 1,2-Dichloropropane	9.745	63	3784	0.525	ug/l #	42
48) Methyl methacrylate	9.669	41	7459	1.228	ug/l #	31
49) 1,4-Dioxane	9.669	88	83	0.639	ug/l #	1
51) 4-Methyl-2-Pentanone	10.451	43	23066	3.107	ug/l #	70
53) t-1,3-Dichloropropene	10.721	75	2059	0.204	ug/l #	24
54) cis-1,3-Dichloropropene	10.363	75	125065	10.846	ug/l #	61
57) 1,3-Dichloropropane	11.204	76	14881	1.211	ug/l #	42
59) 2-Hexanone	11.174	43	255463	48.265	ug/l #	18
74) N-amyl acetate	12.492	43	2450	0.281	ug/l #	36
76) 1,2,3-Trichloropropane	12.851	75	193760	27.159	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.851	75	193760	83.394	ug/l #	10

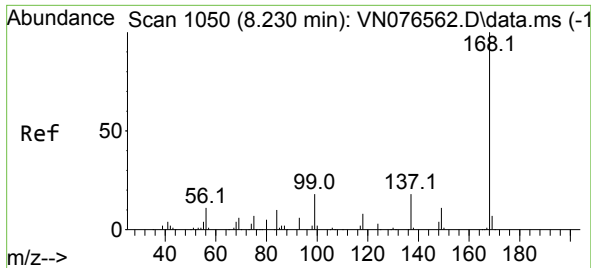
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 09:04:43 2023
Response via : Initial Calibration

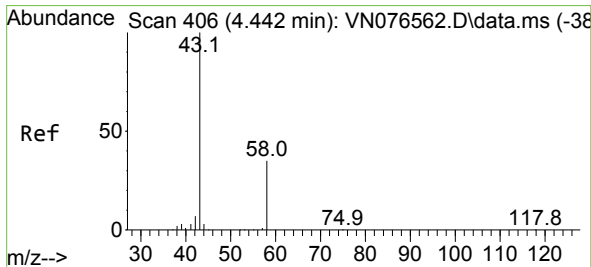
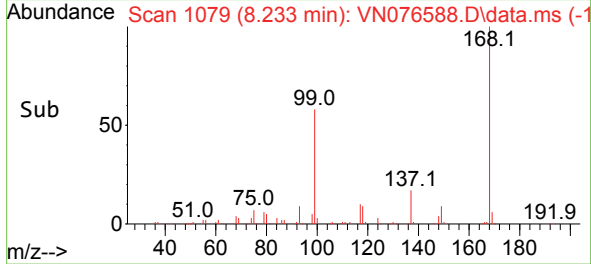
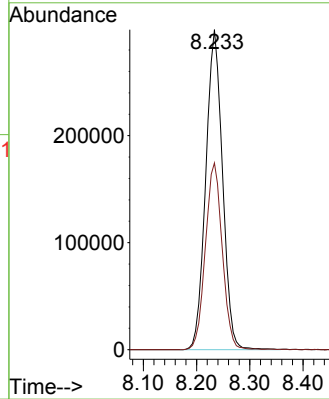
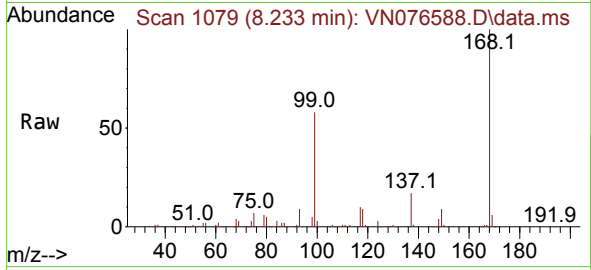




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.233 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

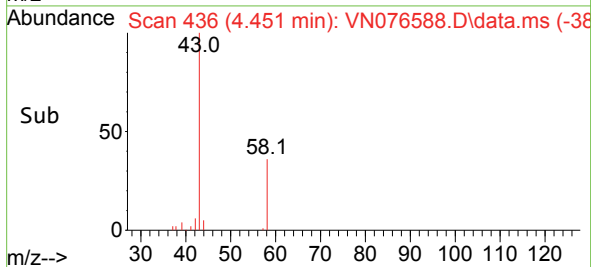
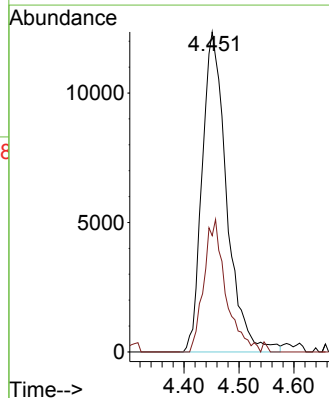
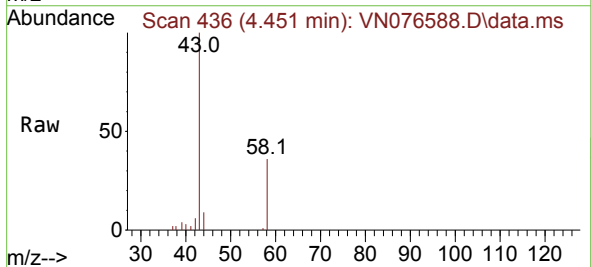
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

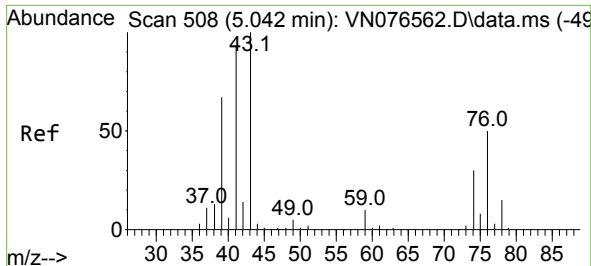
Tgt Ion:168 Resp: 652334
Ion Ratio Lower Upper
168 100
99 58.3 47.8 71.8



#16
Acetone
Concen: 15.060 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.009 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 43 Resp: 38230
Ion Ratio Lower Upper
43 100
58 36.3 28.4 42.6

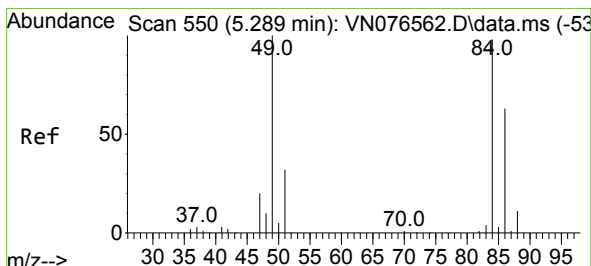
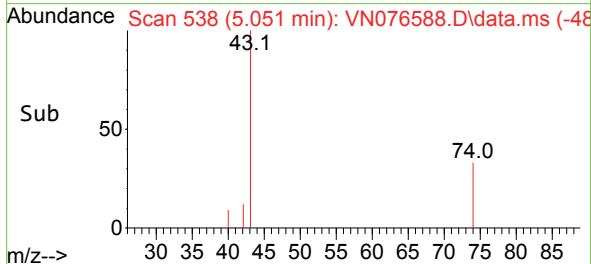
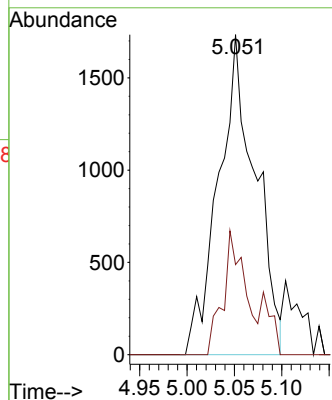
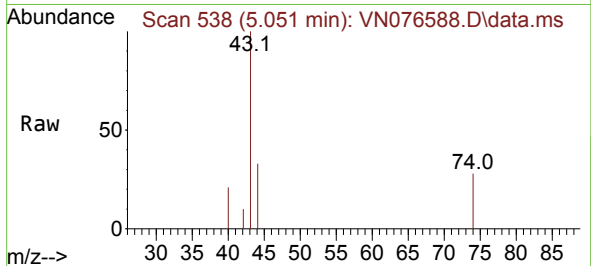




#18
Methyl Acetate
Concen: 0.583 ug/l
RT: 5.051 min Scan# 51
Delta R.T. 0.009 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

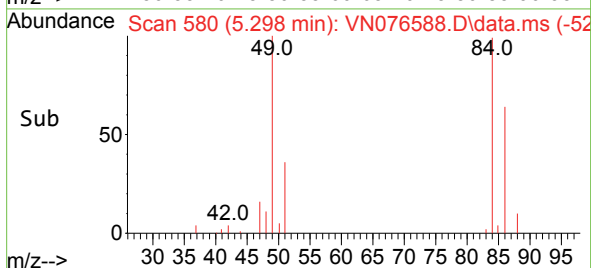
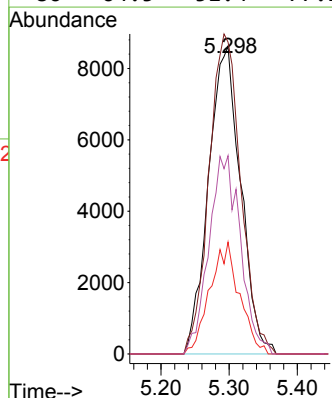
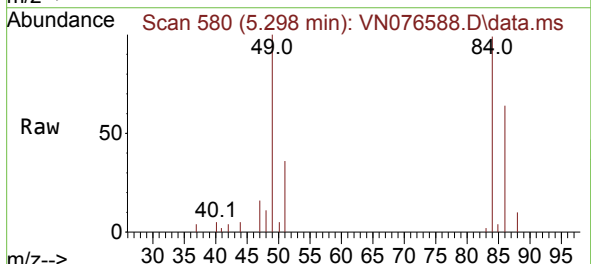
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

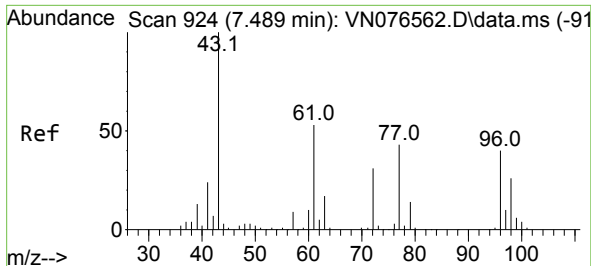
Tgt Ion: 43 Resp: 4679
Ion Ratio Lower Upper
43 100
74 23.3 23.9 35.9#



#20
Methylene Chloride
Concen: 3.611 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.009 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 84 Resp: 28260
Ion Ratio Lower Upper
84 100
49 101.4 82.0 123.0
51 36.4 26.0 39.0
86 64.5 51.4 77.2





#25

2-Butanone

Concen: 1.867 ug/l

RT: 7.504 min Scan# 91

Delta R.T. 0.015 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

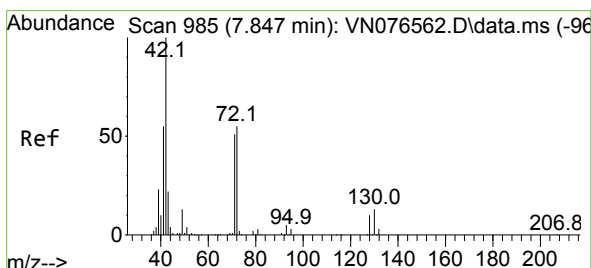
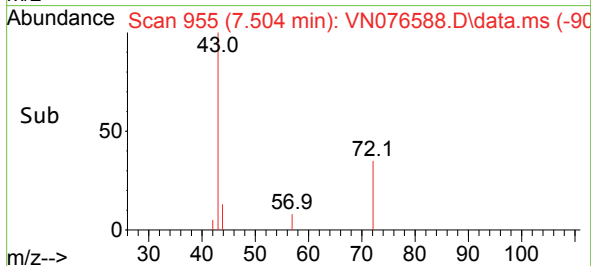
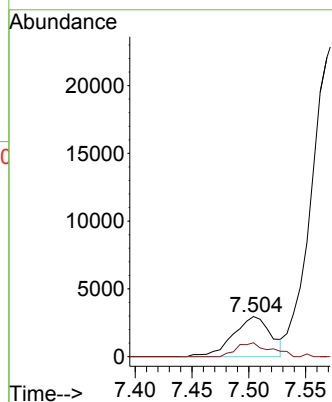
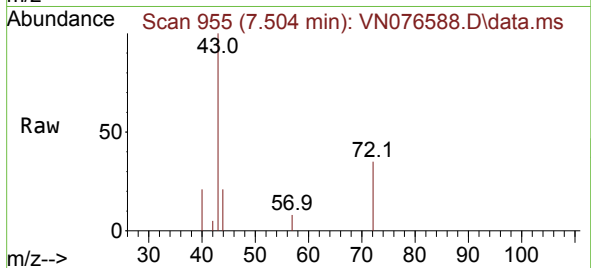
JPP-20-020223

Tgt Ion: 43 Resp: 6814

Ion Ratio Lower Upper

43 100

72 34.8 25.1 37.7



#29

Tetrahydrofuran

Concen: 0.437 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. 0.022 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

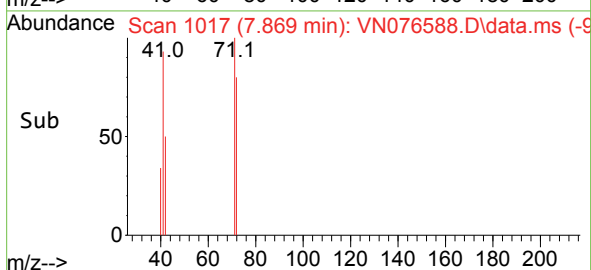
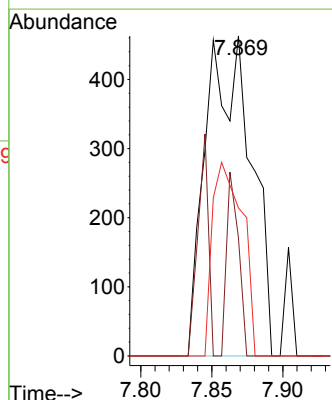
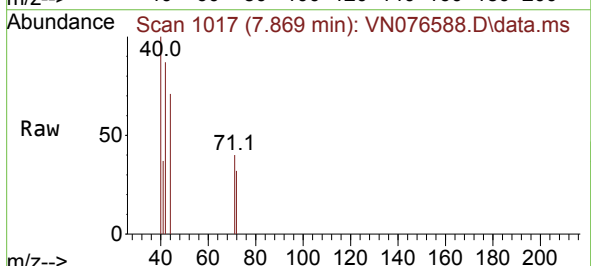
Tgt Ion: 42 Resp: 1024

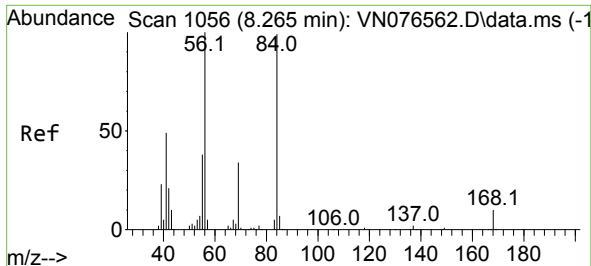
Ion Ratio Lower Upper

42 100

72 15.0 42.9 64.3#

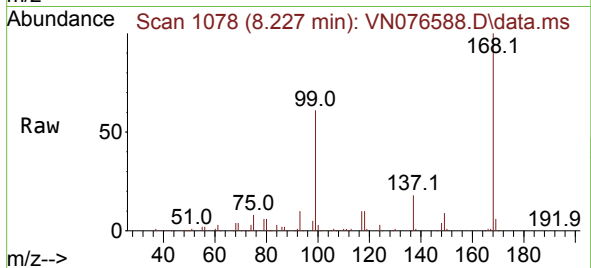
71 40.3 39.9 59.9



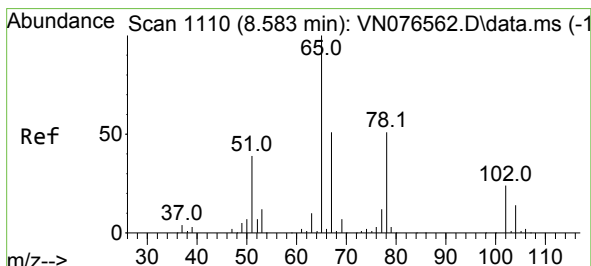
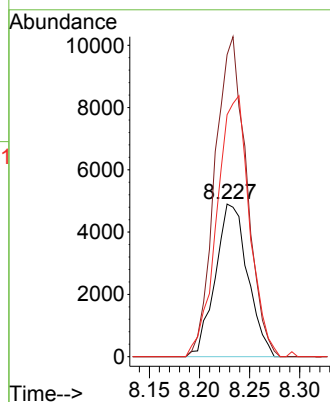
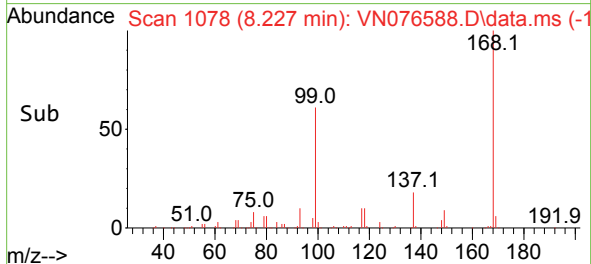


#31
Cyclohexane
Concen: 0.903 ug/l
RT: 8.227 min Scan# 1139
Delta R.T. -0.038 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

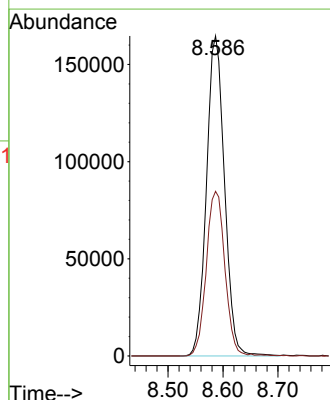
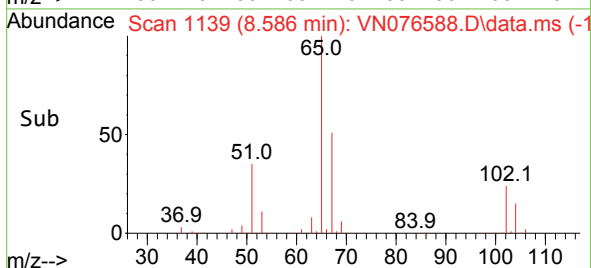
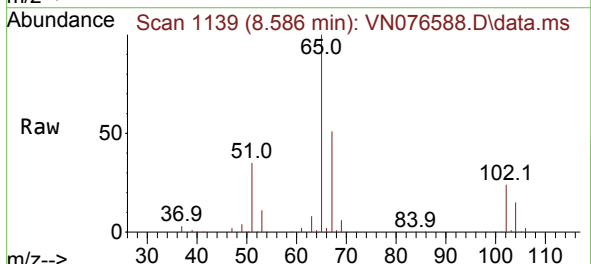


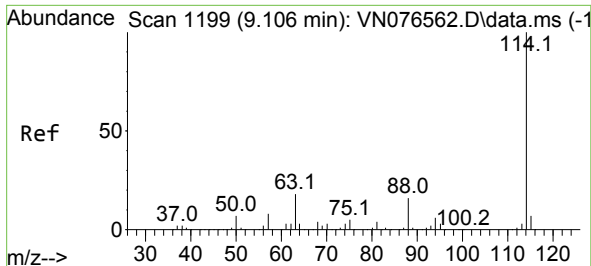
Tgt Ion: 56 Resp: 10991
Ion Ratio Lower Upper
56 100
69 197.8 27.0 40.4#
84 158.5 79.5 119.3#



#33
1,2-Dichloroethane-d4
Concen: 48.747 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 65 Resp: 375329
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

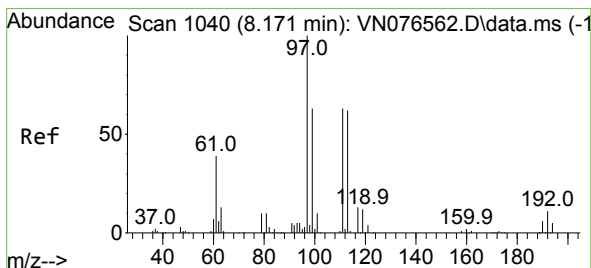
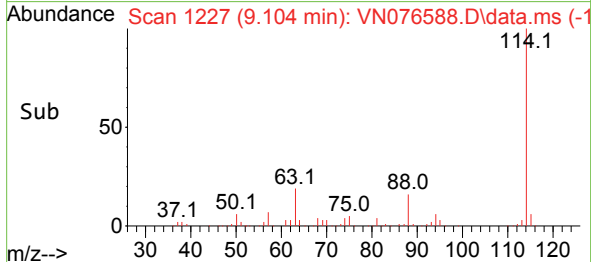
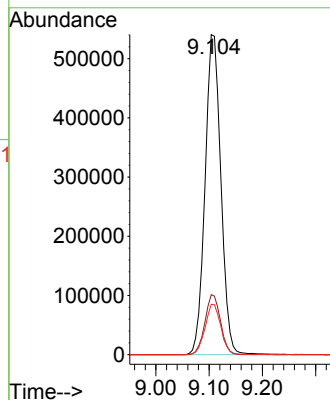
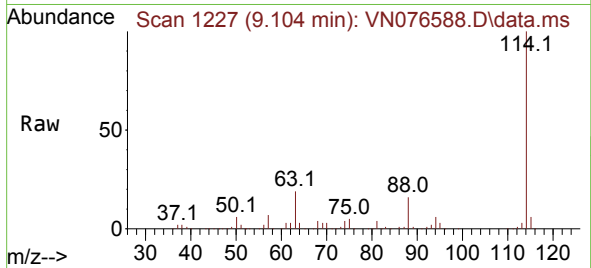




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.104 min Scan# 1199
Delta R.T. -0.002 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

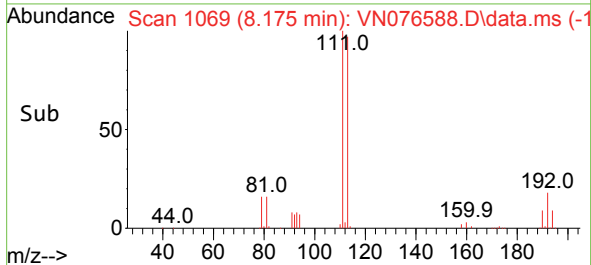
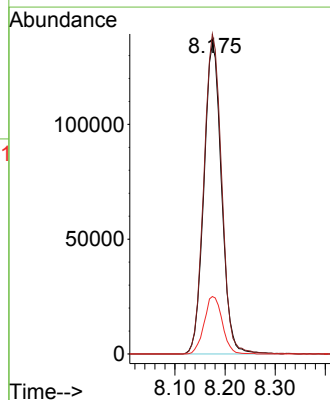
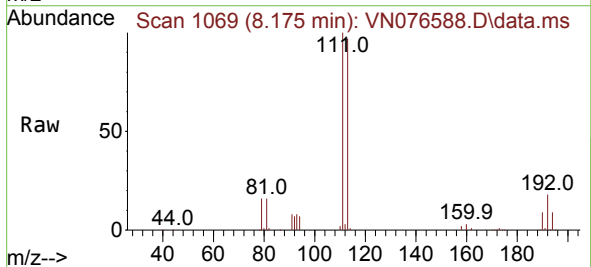
Instrument :
MSVOA_N
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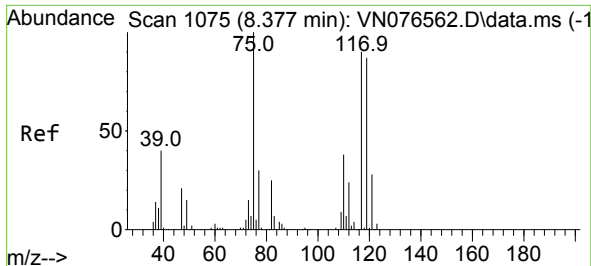
Tgt Ion:114 Resp: 1116436
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.618 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. 0.004 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion:113 Resp: 330472
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 19.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.978 ug/l

RT: 8.227 min Scan# 1

Delta R.T. -0.150 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

JPP-20-020223

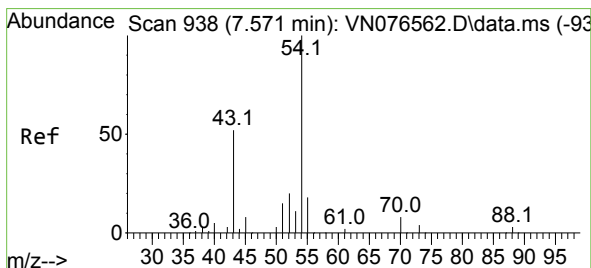
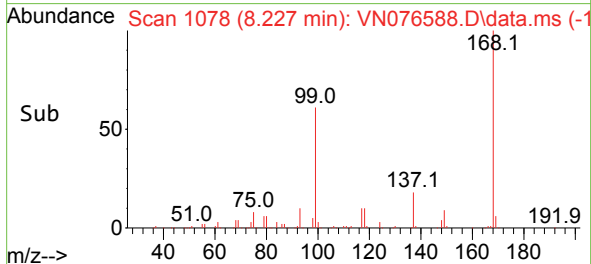
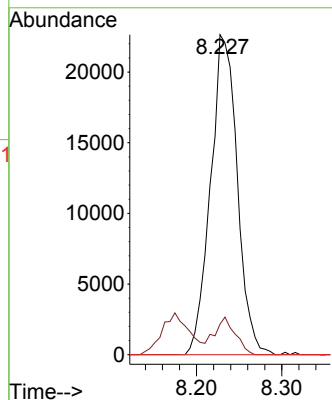
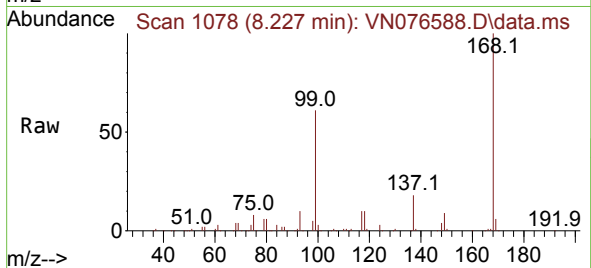
Tgt Ion: 75 Resp: 49328

Ion Ratio Lower Upper

75 100

110 9.1 18.6 55.6#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 7.943 ug/l

RT: 7.575 min Scan# 967

Delta R.T. 0.004 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

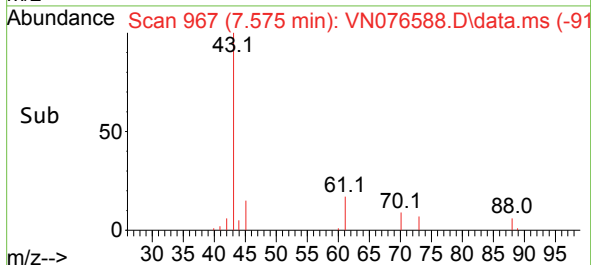
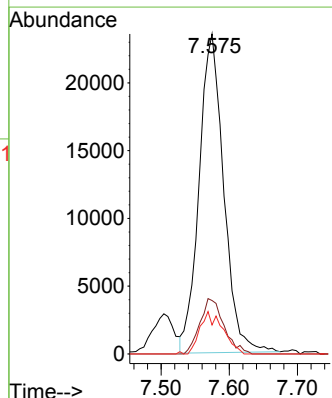
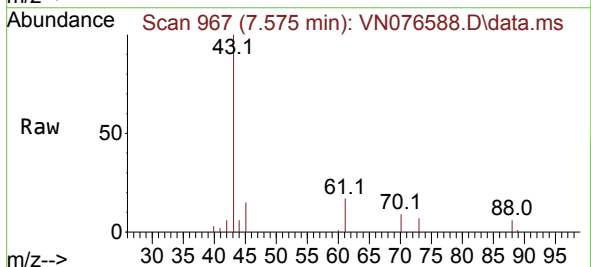
Tgt Ion: 43 Resp: 58967

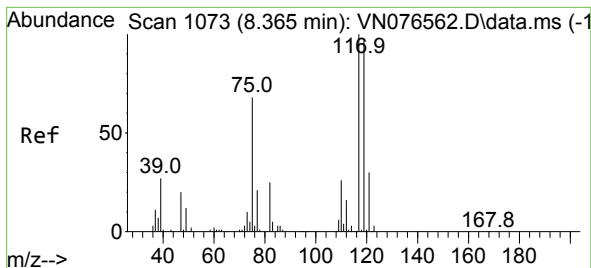
Ion Ratio Lower Upper

43 100

61 17.0 11.8 17.6

70 12.4 10.4 15.6





#38

Carbon Tetrachloride

Concen: 6.178 ug/l

RT: 8.233 min Scan# 1

Delta R.T. -0.132 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

Instrument :

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JPP-20-020223

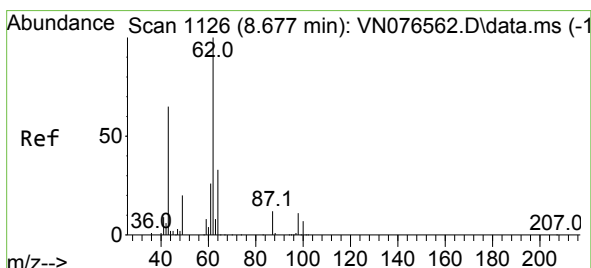
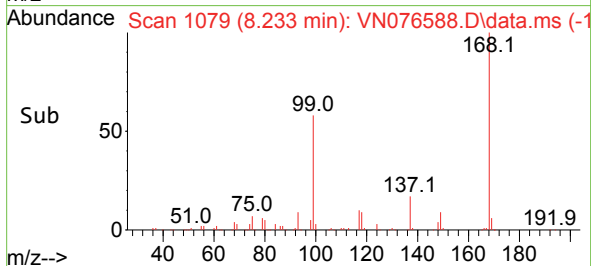
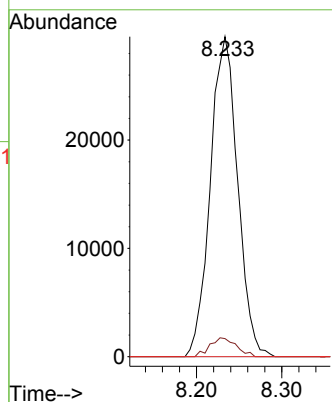
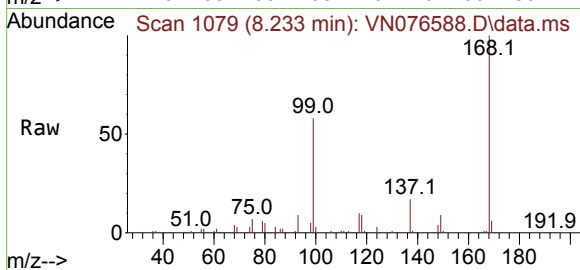
Tgt Ion:117 Resp: 65821

Ion Ratio Lower Upper

117 100

119 5.7 77.2 115.8#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.224 ug/l

RT: 8.686 min Scan# 1156

Delta R.T. 0.009 min

Lab File: VN076588.D

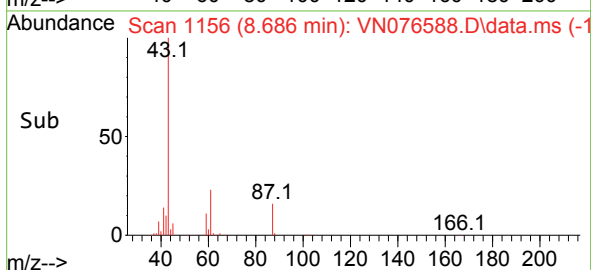
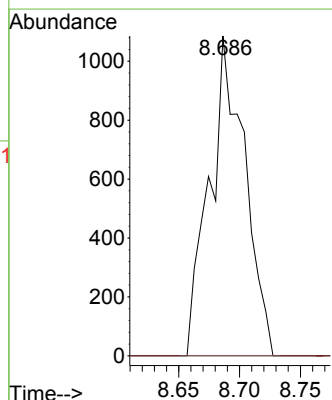
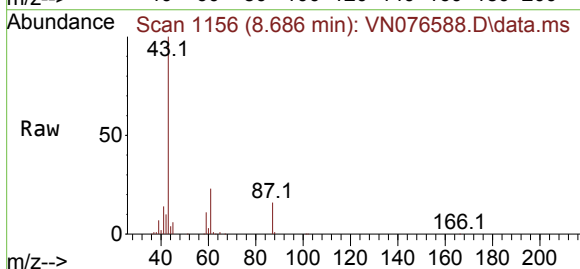
Acq: 08 Feb 2023 18:34

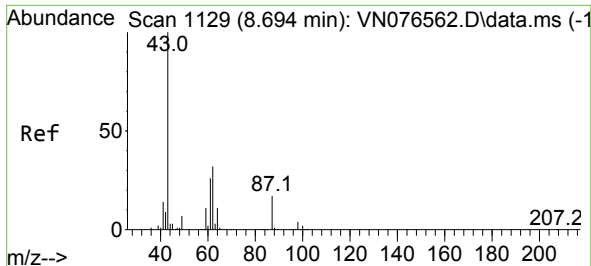
Tgt Ion: 62 Resp: 2191

Ion Ratio Lower Upper

62 100

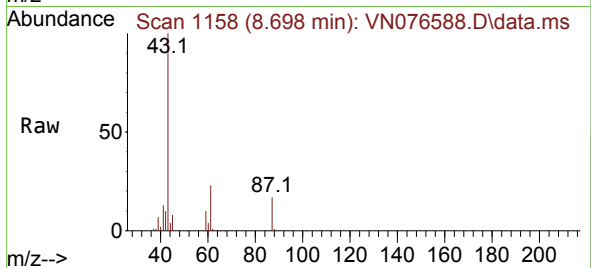
98 0.0 0.0 21.6



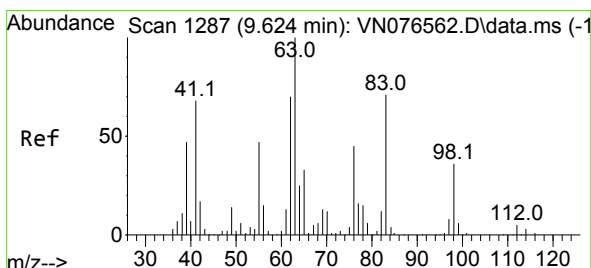
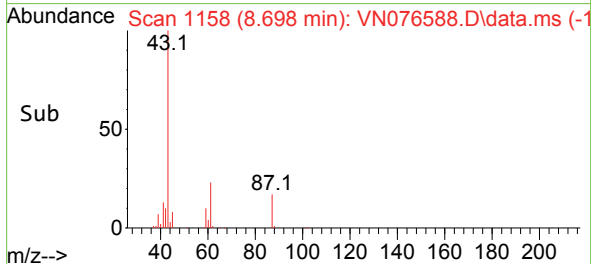
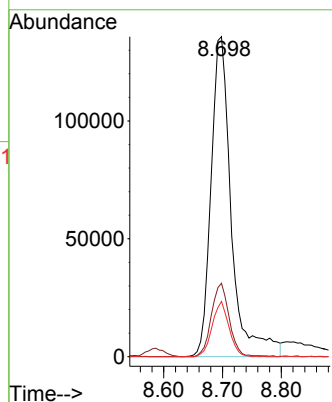


#43
Isopropyl Acetate
Concen: 26.403 ug/l
RT: 8.698 min Scan# 1158
Delta R.T. 0.004 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

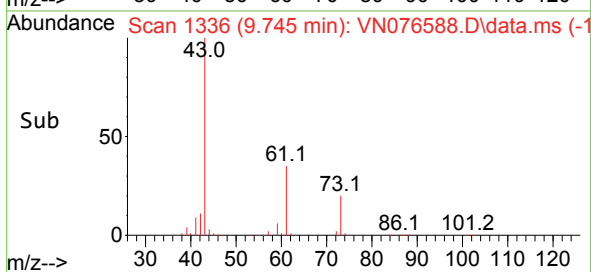
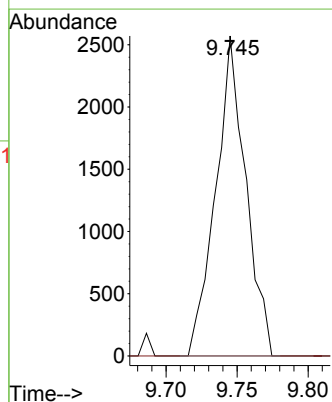
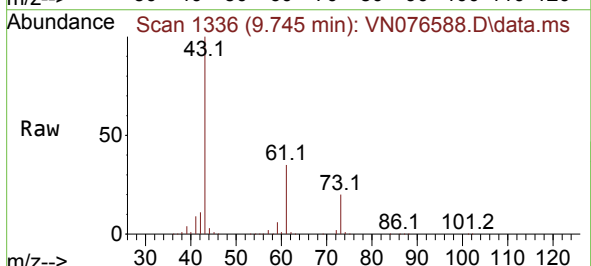


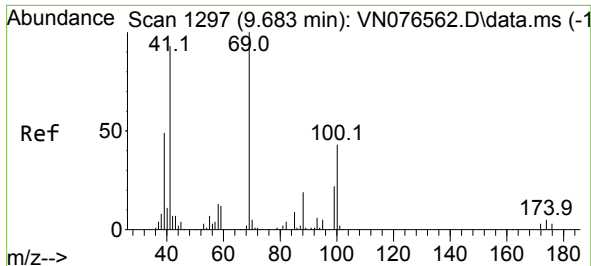
Tgt Ion: 43 Resp: 326159
Ion Ratio Lower Upper
43 100
61 20.2 24.5 36.7#
87 14.3 13.6 20.4



#45
1,2-Dichloropropane
Concen: 0.525 ug/l
RT: 9.745 min Scan# 1336
Delta R.T. 0.121 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 63 Resp: 3784
Ion Ratio Lower Upper
63 100
65 0.0 26.0 39.0#

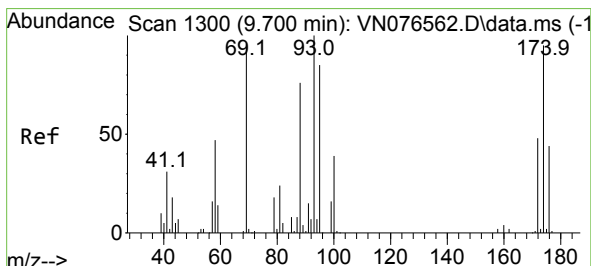
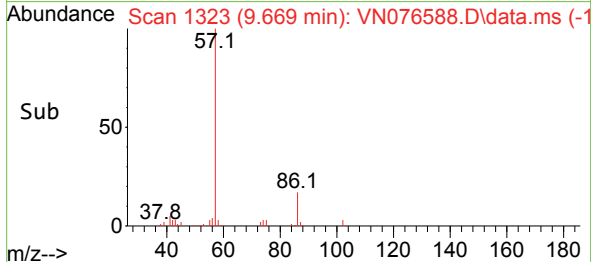
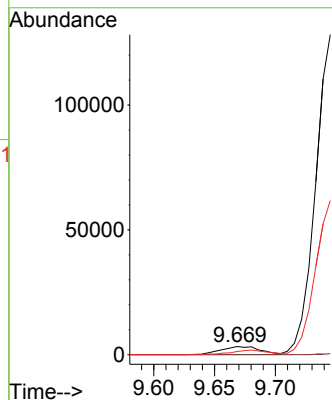
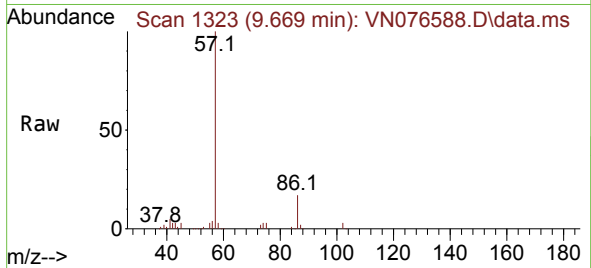




#48
Methyl methacrylate
Concen: 1.228 ug/l
RT: 9.669 min Scan# 1323
Delta R.T. -0.014 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

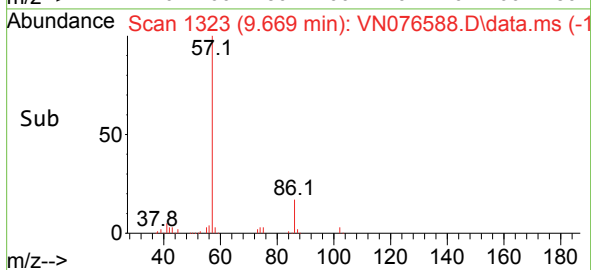
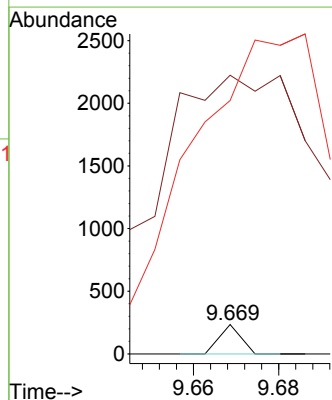
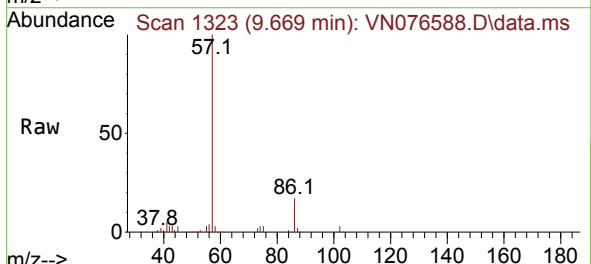
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

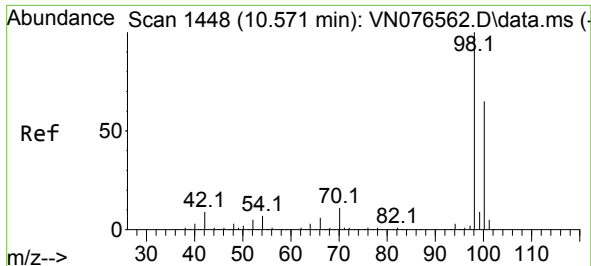
Tgt Ion: 41 Resp: 7459
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.4#
39 49.8 43.8 65.8



#49
1,4-Dioxane
Concen: 0.639 ug/l
RT: 9.669 min Scan# 1323
Delta R.T. -0.031 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 7453.0 51.7 77.5#

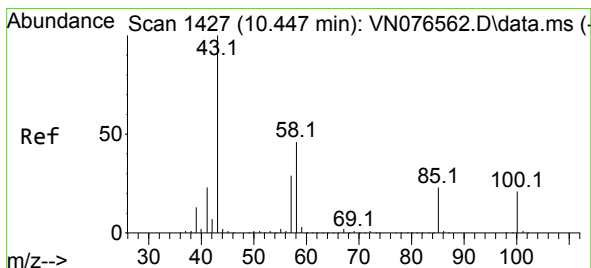
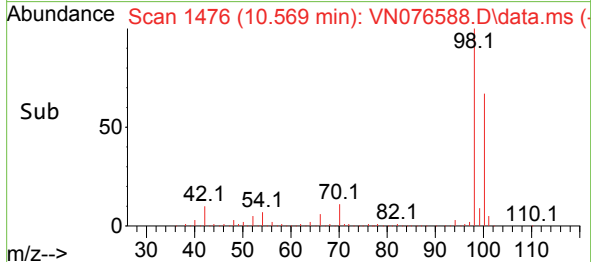
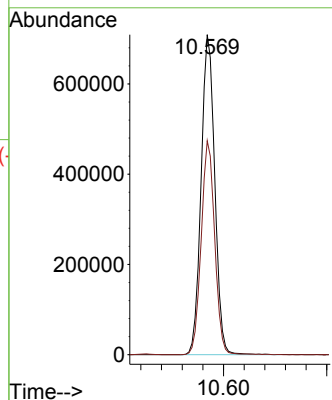
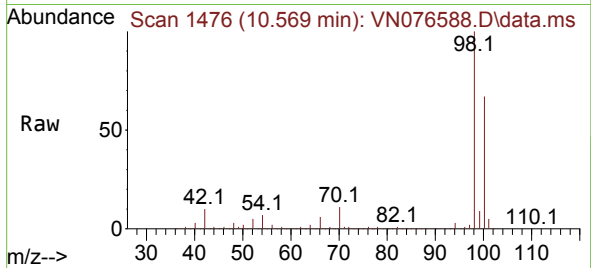




#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.569 min Scan# 1448
Delta R.T. -0.002 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

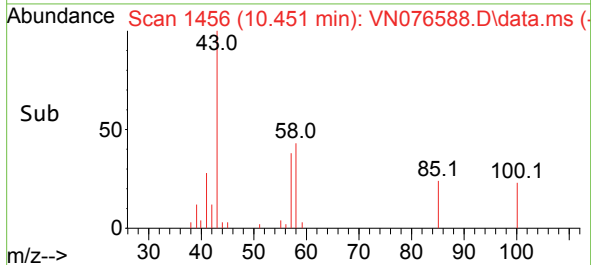
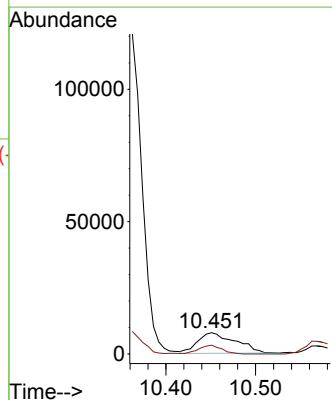
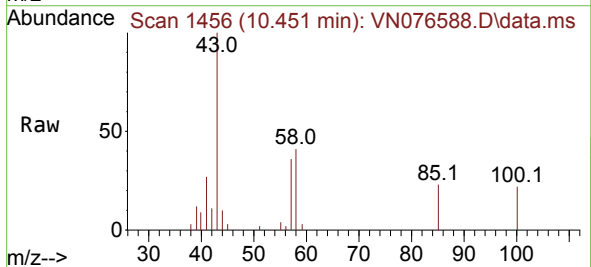
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

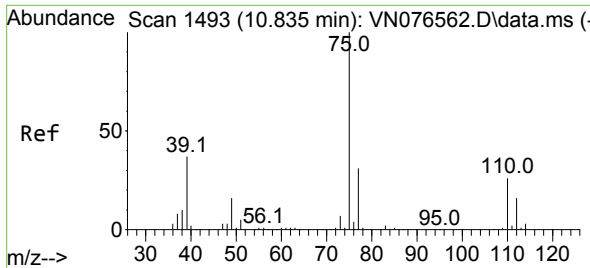
Tgt Ion: 98 Resp: 1297197
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 3.107 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.004 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 43 Resp: 23066
Ion Ratio Lower Upper
43 100
58 25.8 36.4 54.6#

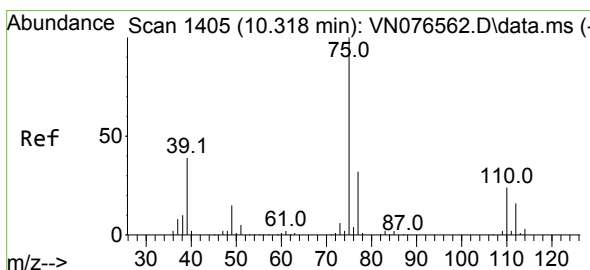
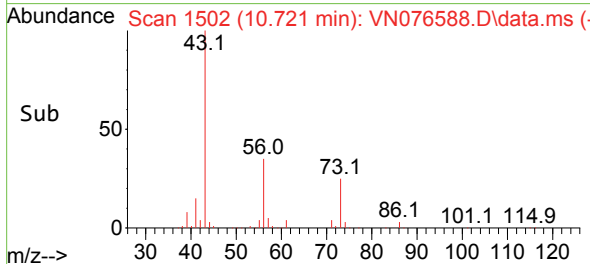
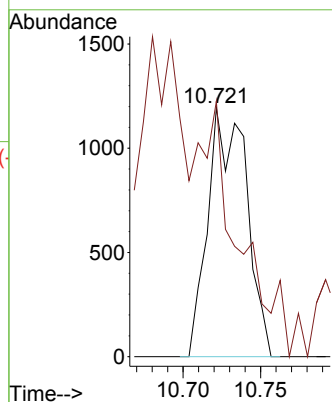
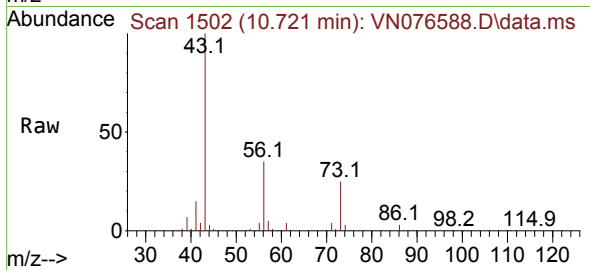




#53
 t-1,3-Dichloropropene
 Concen: 0.204 ug/l
 RT: 10.721 min Scan# 11
 Delta R.T. -0.114 min
 Lab File: VN076588.D
 Acq: 08 Feb 2023 18:34

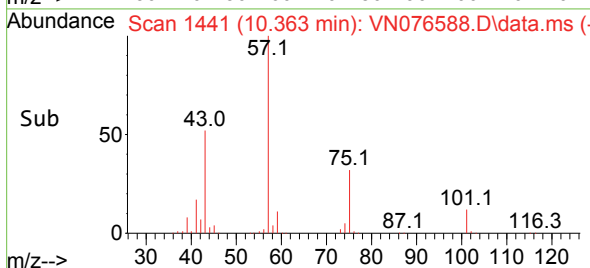
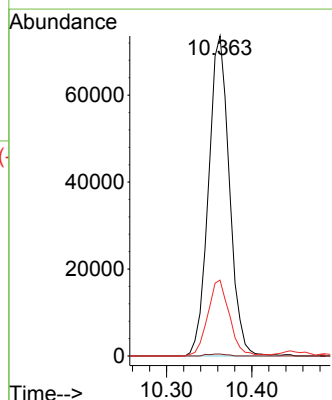
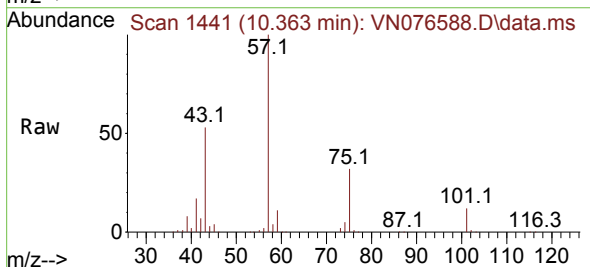
Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-20-020223

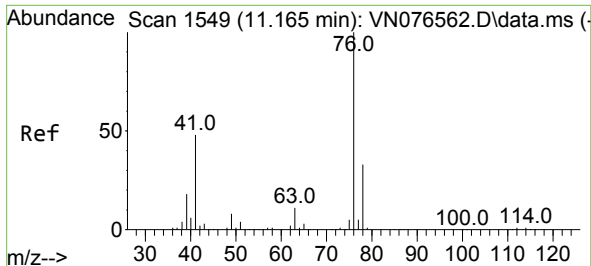
Tgt Ion: 75 Resp: 2059
 Ion Ratio Lower Upper
 75 100
 77 72.0 24.5 36.7#



#54
 cis-1,3-Dichloropropene
 Concen: 10.846 ug/l
 RT: 10.363 min Scan# 1441
 Delta R.T. 0.045 min
 Lab File: VN076588.D
 Acq: 08 Feb 2023 18:34

Tgt Ion: 75 Resp: 125065
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.4 38.0#
 39 23.7 31.1 46.7#





#57

1,3-Dichloropropane

Concen: 1.211 ug/l

RT: 11.204 min Scan# 1584

Delta R.T. 0.039 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

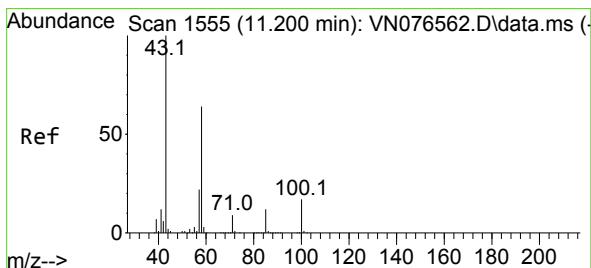
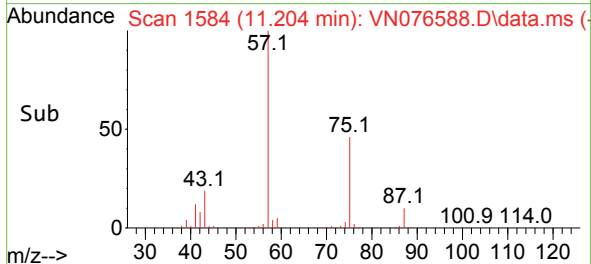
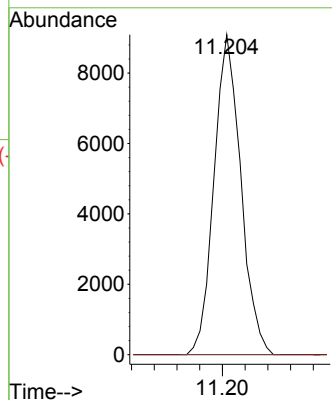
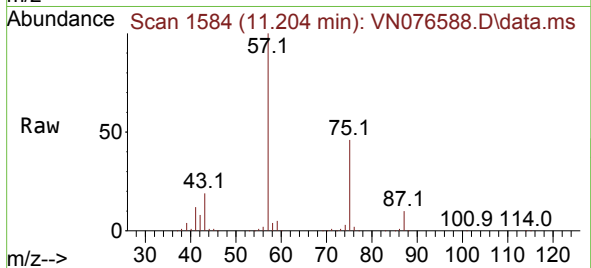
JPP-20-020223

Tgt Ion: 76 Resp: 14881

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#59

2-Hexanone

Concen: 48.265 ug/l

RT: 11.174 min Scan# 1579

Delta R.T. -0.026 min

Lab File: VN076588.D

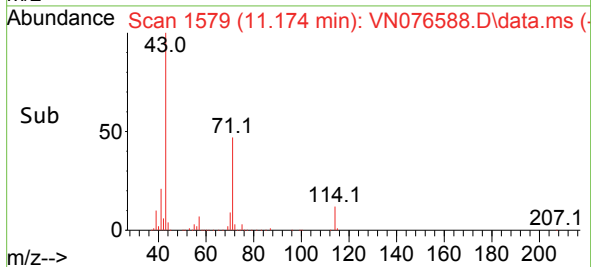
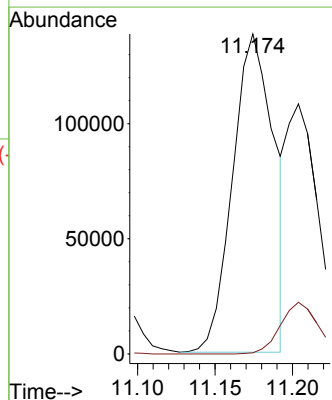
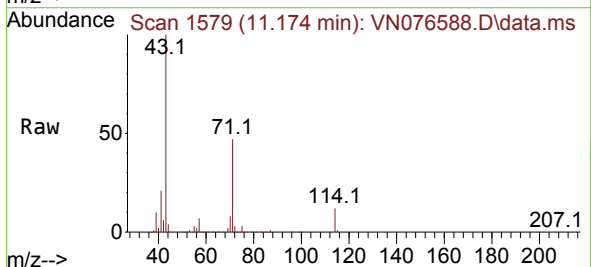
Acq: 08 Feb 2023 18:34

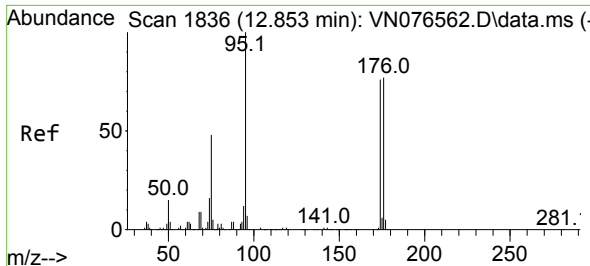
Tgt Ion: 43 Resp: 255463

Ion Ratio Lower Upper

43 100

58 0.0 31.8 95.4#

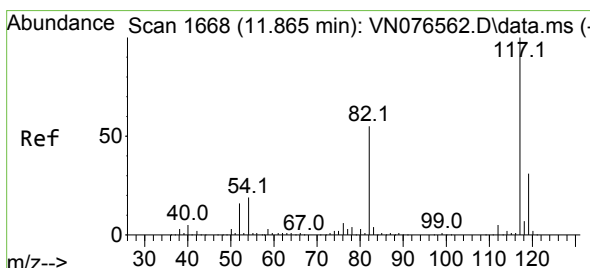
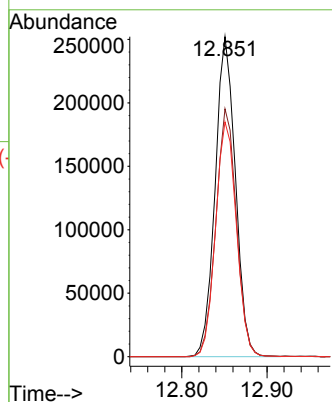
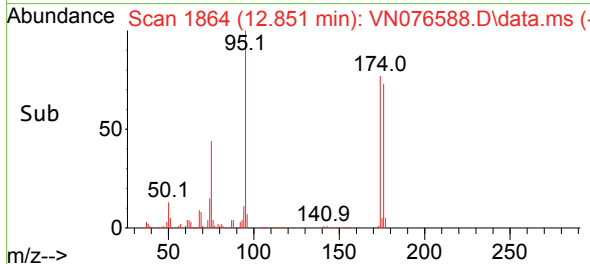
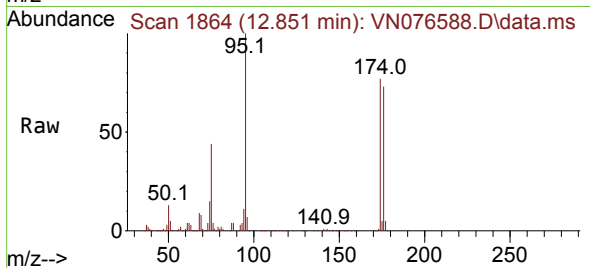




#62
4-Bromofluorobenzene
Concen: 45.298 ug/l
RT: 12.851 min Scan# 1836
Delta R.T. -0.002 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

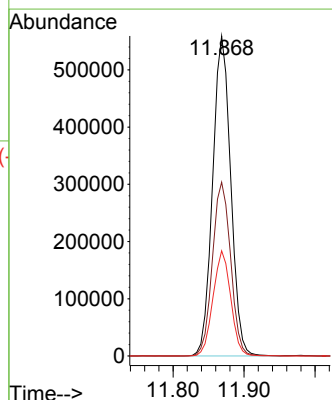
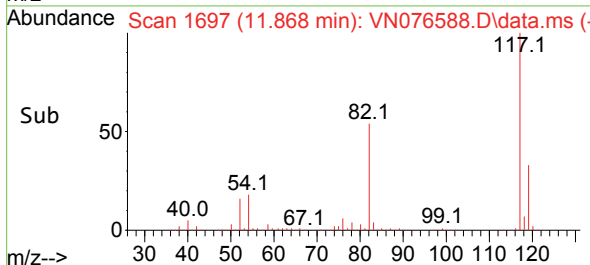
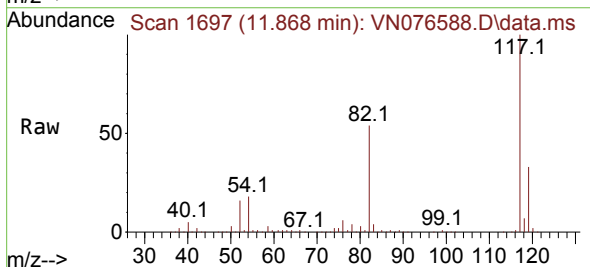
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

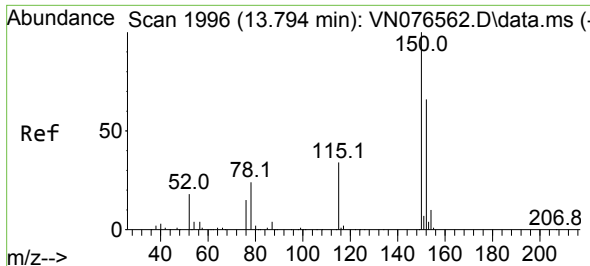
Tgt Ion: 95 Resp: 416653
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.0
176 75.7 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.868 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 117 Resp: 987667
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.4
119 32.9 25.1 37.7

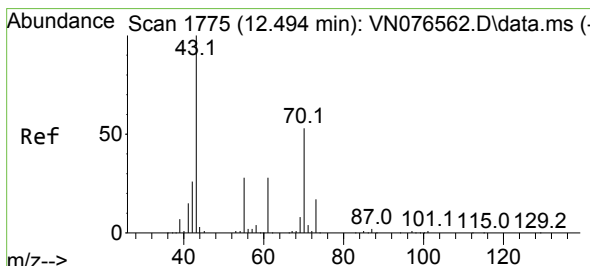
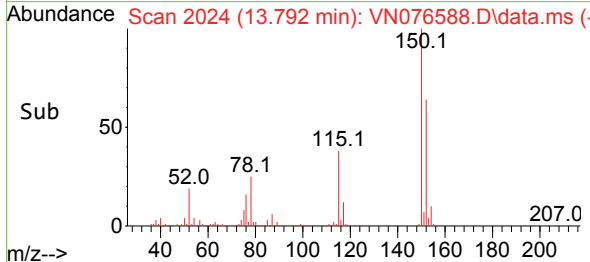
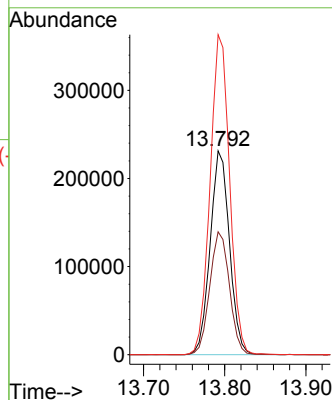
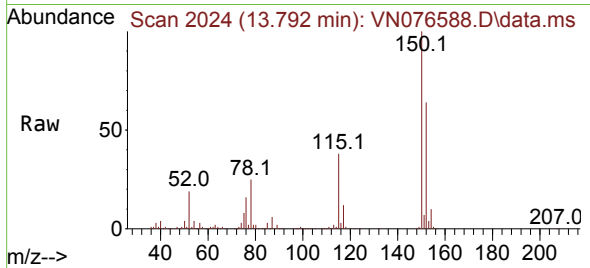




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.792 min Scan# 20
Delta R.T. -0.002 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

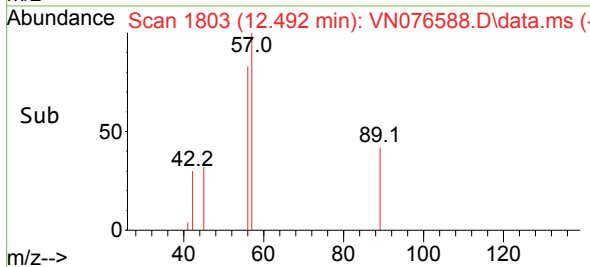
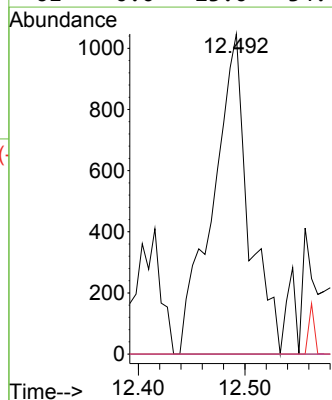
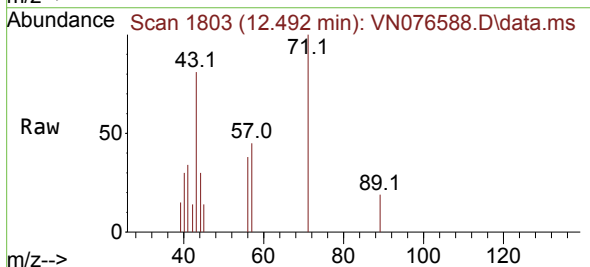
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

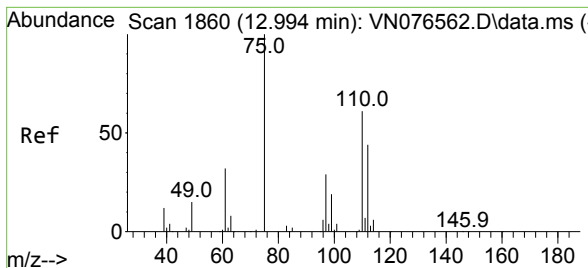
Tgt Ion:152 Resp: 382387
Ion Ratio Lower Upper
152 100
115 61.3 30.8 92.3
150 158.5 0.0 348.8



#74
N-ethyl acetate
Concen: 0.281 ug/l
RT: 12.492 min Scan# 1803
Delta R.T. -0.002 min
Lab File: VN076588.D
Acq: 08 Feb 2023 18:34

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
70 0.0 43.1 64.7#
55 0.0 22.4 33.6#
61 0.0 23.0 34.4#





#76

1,2,3-Trichloropropane

Concen: 27.159 ug/l

RT: 12.851 min Scan# 1864

Delta R.T. -0.143 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

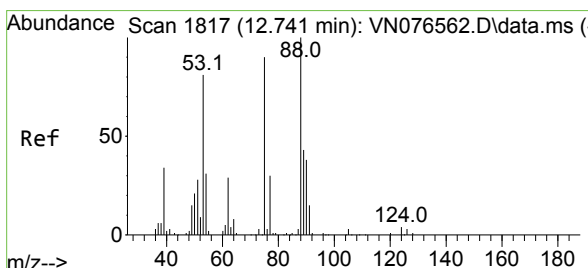
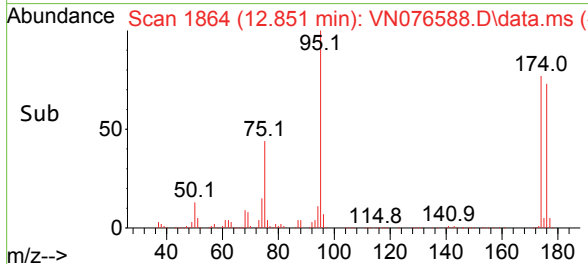
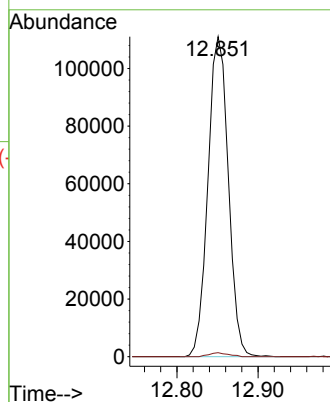
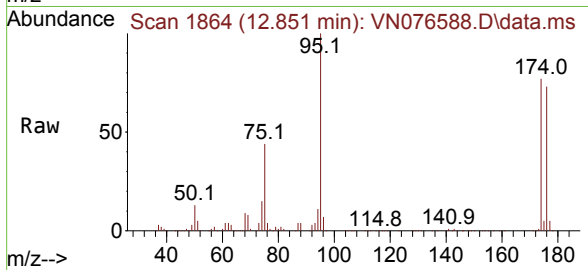
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Tgt Ion: 75 Resp: 193760

Ion Ratio Lower Upper

75 100

77 1.2 87.5 262.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.394 ug/l

RT: 12.851 min Scan# 1864

Delta R.T. 0.110 min

Lab File: VN076588.D

Acq: 08 Feb 2023 18:34

Tgt Ion: 75 Resp: 193760

Ion Ratio Lower Upper

75 100

53 0.0 77.1 115.7#

89 0.0 41.5 62.3#

