

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081332.D
 Acq On : 06 Mar 2024 17:27
 Operator : JC\MD
 Sample : P1672-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Mar 07 00:29:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

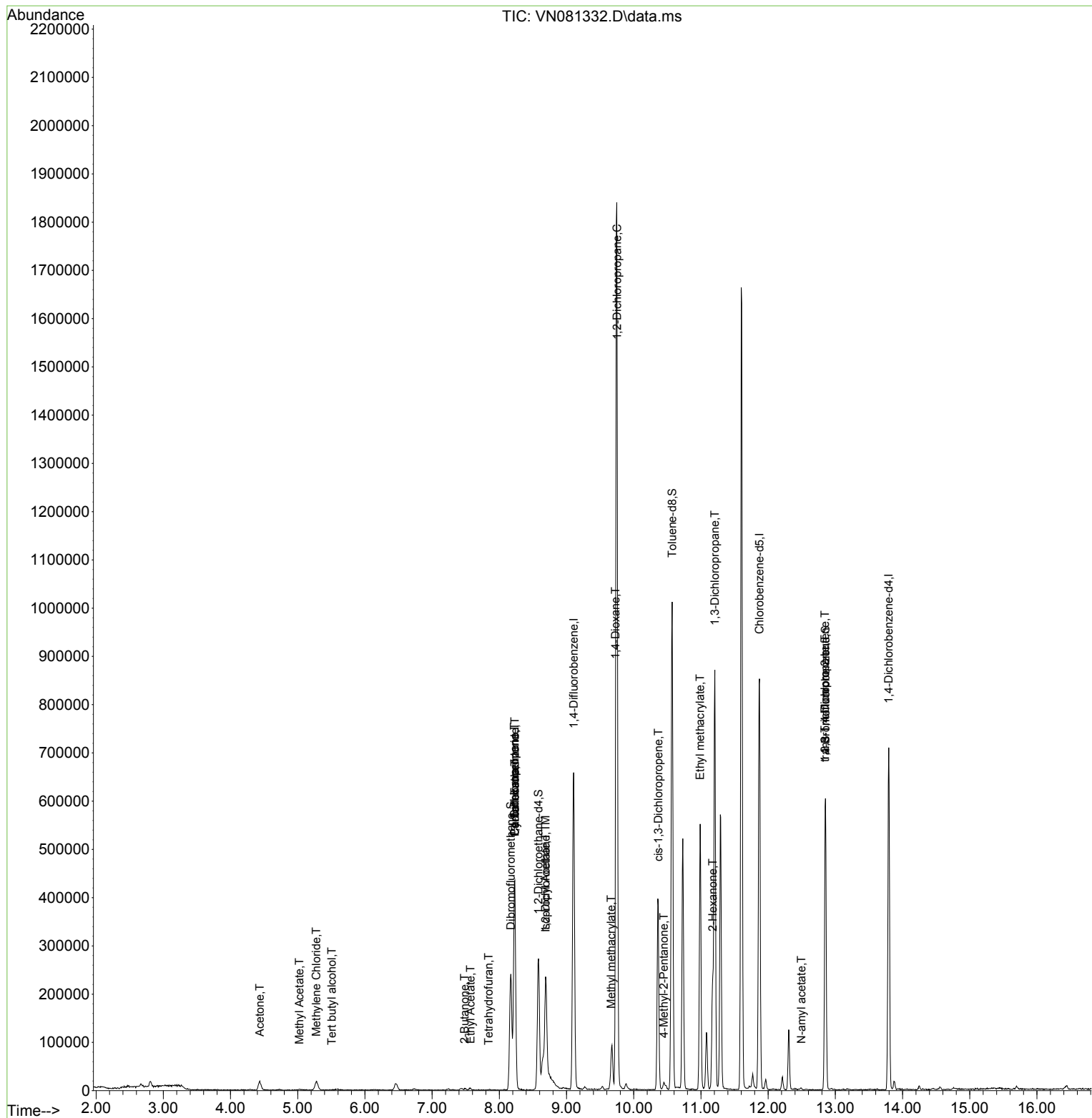
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	294204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	552518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	489726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	217423	51.112	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.220%	
35) Dibromofluoromethane	8.171	113	174064	51.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	10.571	98	679246	53.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.853	95	206679	46.211	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.506	59	513	0.690	ug/l #	72
16) Acetone	4.436	43	33383	22.150	ug/l	91
18) Methyl Acetate	5.024	43	1941	0.450	ug/l #	61
20) Methylene Chloride	5.277	84	13340	2.823	ug/l	92
25) 2-Butanone	7.483	43	5051	2.001	ug/l #	79
29) Tetrahydrofuran	7.841	42	1030	0.598	ug/l	92
31) Cyclohexane	8.230	56	8270	1.284	ug/l #	17
36) 1,1-Dichloropropene	8.224	75	27598	5.053	ug/l #	50
37) Ethyl Acetate	7.571	43	6616	1.239	ug/l #	88
38) Carbon Tetrachloride	8.230	117	33526	6.100	ug/l #	18
42) 1,2-Dichloroethane	8.688	62	1503	0.262	ug/l #	75
43) Isopropyl Acetate	8.688	43	366814	39.257	ug/l #	79
45) 1,2-Dichloropropane	9.753	63	2234	0.546	ug/l #	42
48) Methyl methacrylate	9.665	41	5752	1.393	ug/l #	49
49) 1,4-Dioxane	9.730	88	130	1.428	ug/l #	18
51) 4-Methyl-2-Pentanone	10.447	43	9842	1.814	ug/l	100
54) cis-1,3-Dichloropropene	10.365	75	70715	10.805	ug/l #	58
56) Ethyl methacrylate	10.988	69	2028	0.362	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	8397	1.232	ug/l #	43
59) 2-Hexanone	11.177	43	187354	46.191	ug/l #	26
74) N-amyl acetate	12.494	43	2874	0.477	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	110775	26.392	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	110775	73.655	ug/l #	14

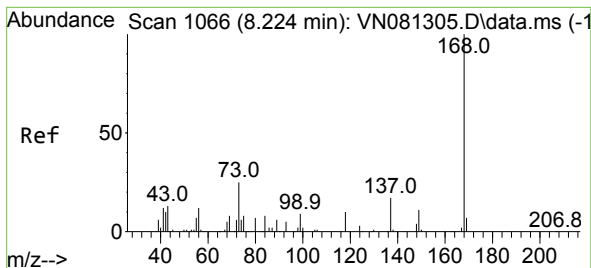
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
Data File : VN081332.D
Acq On : 06 Mar 2024 17:27
Operator : JC\MD
Sample : P1672-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Quant Time: Mar 07 00:29:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

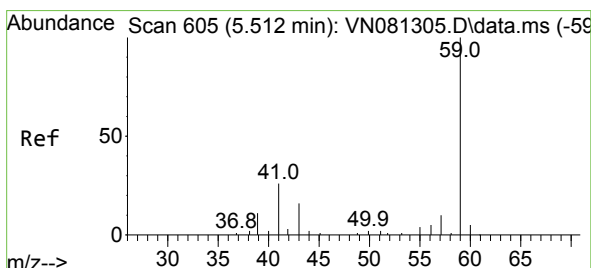
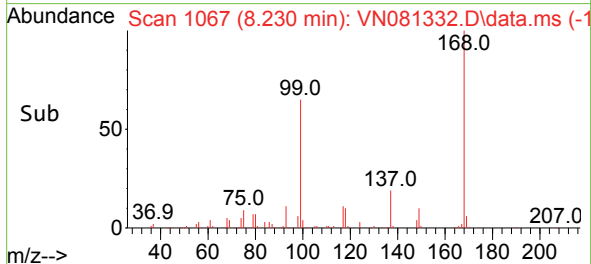
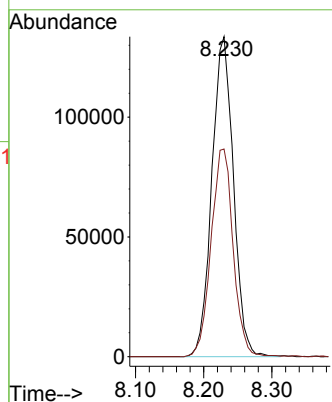
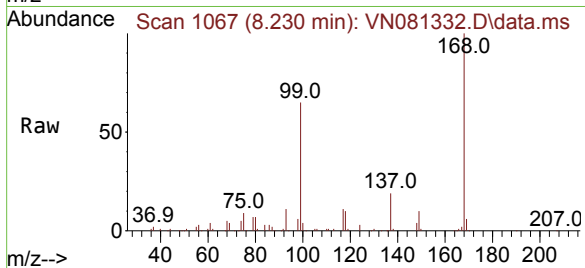
TP-3

Tgt Ion:168 Resp: 294204

Ion Ratio Lower Upper

168 100

99 64.9 59.9 89.9



#11

Tert butyl alcohol

Concen: 0.690 ug/l

RT: 5.506 min Scan# 604

Delta R.T. -0.006 min

Lab File: VN081332.D

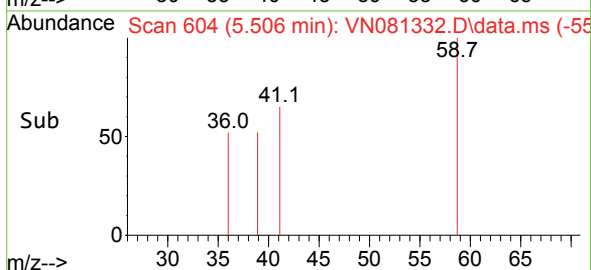
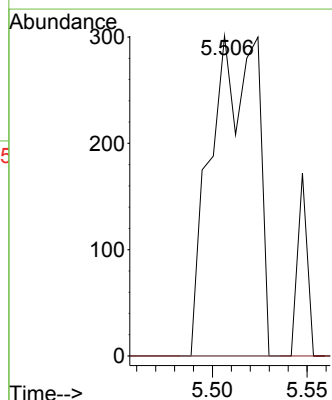
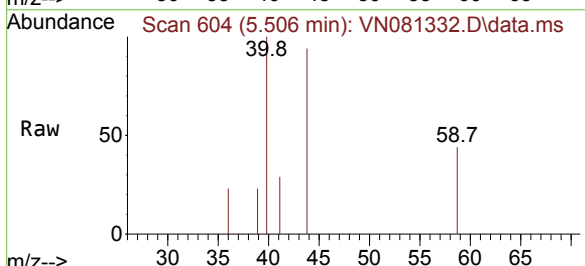
Acq: 06 Mar 2024 17:27

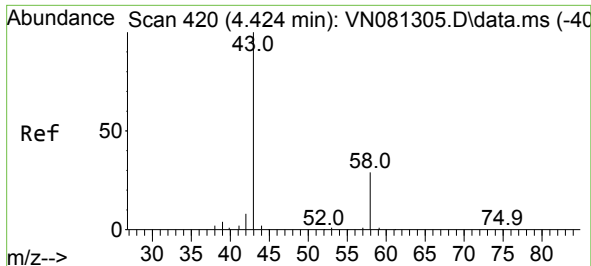
Tgt Ion: 59 Resp: 513

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#

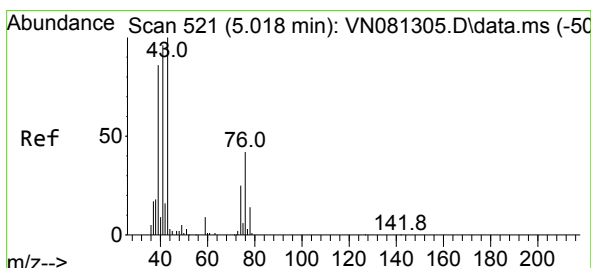
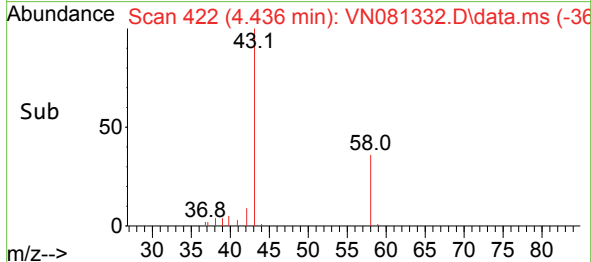
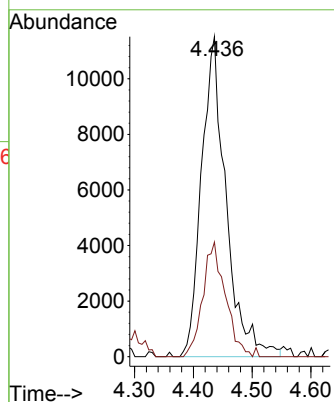
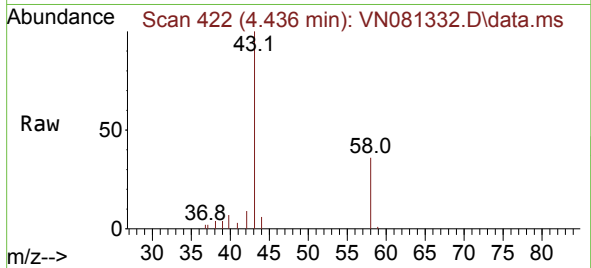




#16
Acetone
Concen: 22.150 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

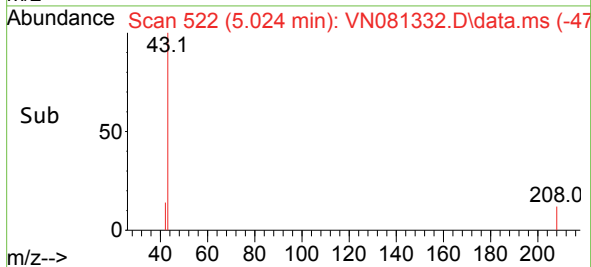
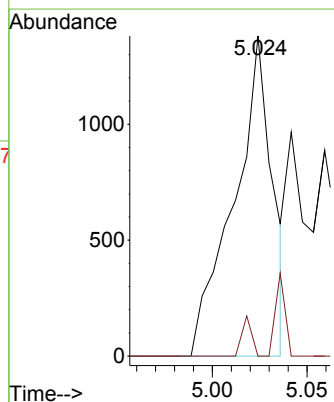
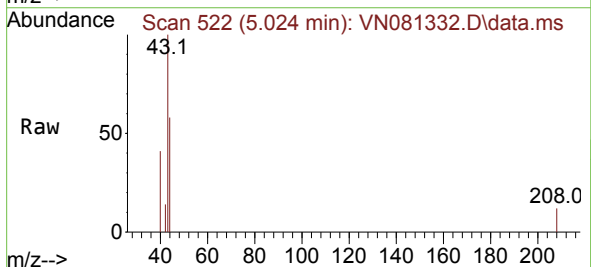
Instrument :
MSVOA_N
ClientSampleId :
TP-3

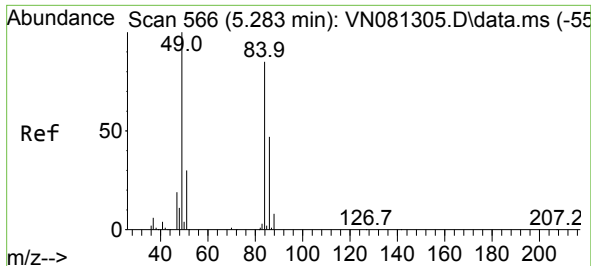
Tgt Ion: 43 Resp: 33383
Ion Ratio Lower Upper
43 100
58 35.8 24.8 37.2



#18
Methyl Acetate
Concen: 0.450 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
74 3.1 17.3 25.9#

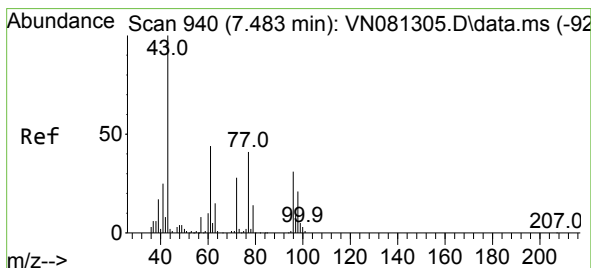
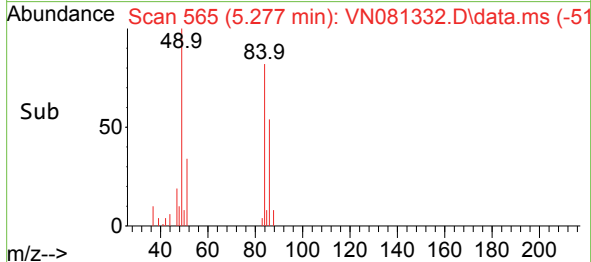
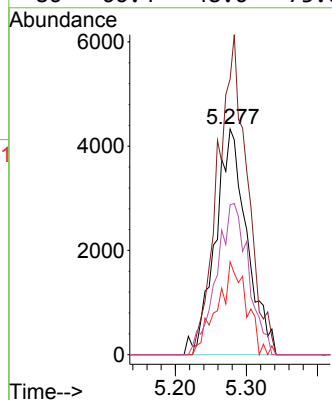
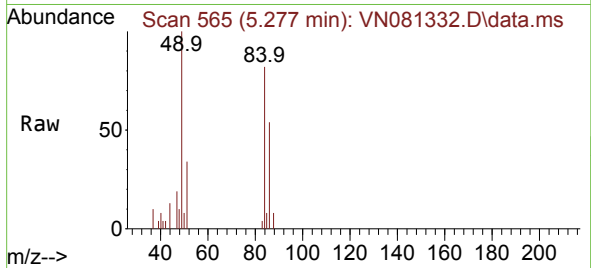




#20
Methylene Chloride
Concen: 2.823 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

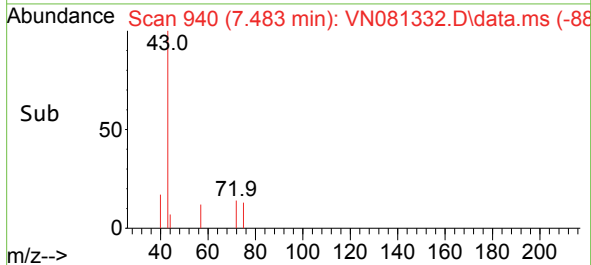
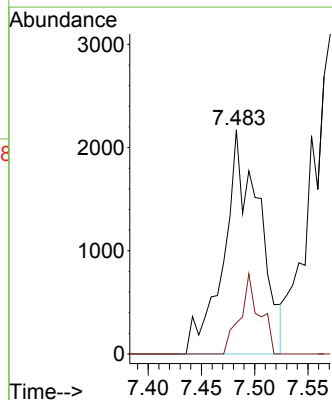
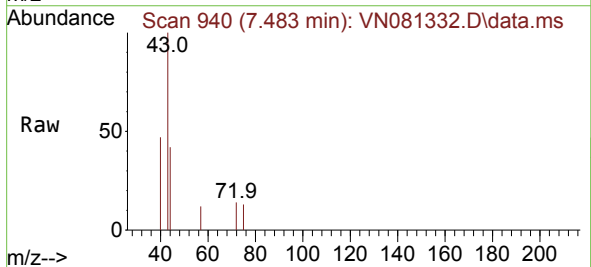
Instrument :
MSVOA_N
ClientSampleId :
TP-3

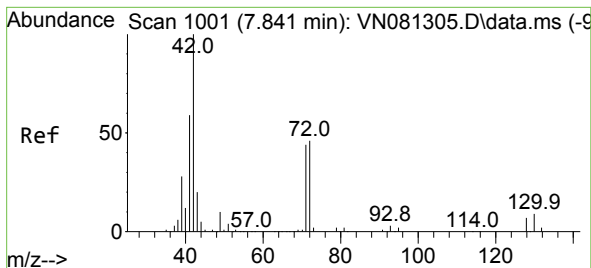
Tgt Ion:	84	Resp:	13340
Ion	Ratio	Lower	Upper
84	100		
49	122.2	108.1	162.1
51	41.1	32.9	49.3
86	66.4	48.6	73.0



#25
2-Butanone
Concen: 2.001 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Tgt Ion:	43	Resp:	5051
Ion	Ratio	Lower	Upper
43	100		
72	13.8	19.5	29.3#





#29

Tetrahydrofuran

Concen: 0.598 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

TP-3

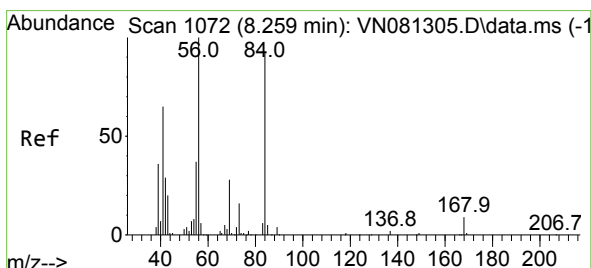
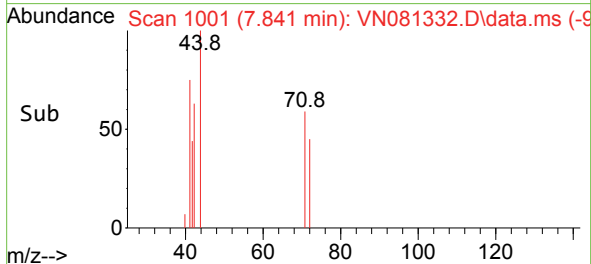
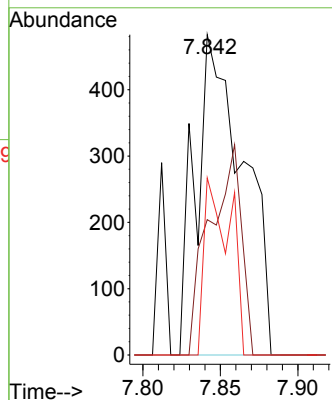
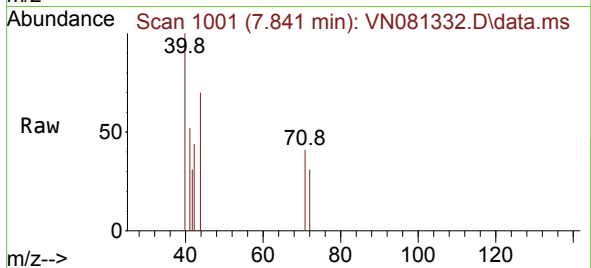
Tgt Ion: 42 Resp: 1030

Ion Ratio Lower Upper

42 100

72 43.7 31.1 46.7

71 30.1 28.3 42.5



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

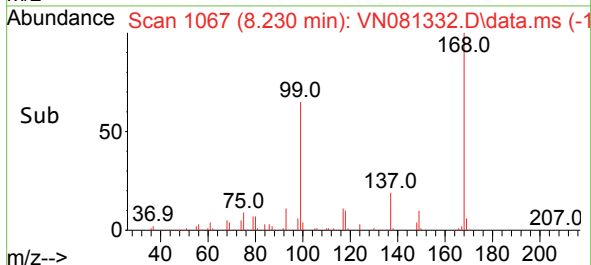
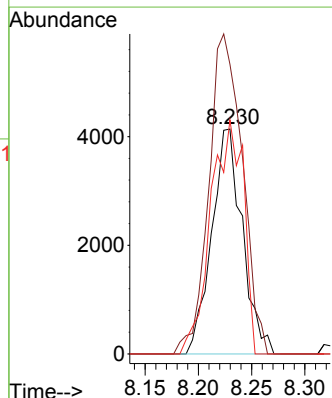
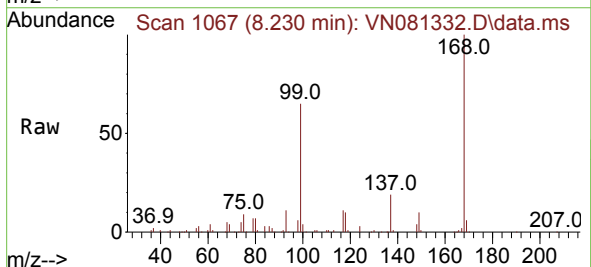
Tgt Ion: 56 Resp: 8270

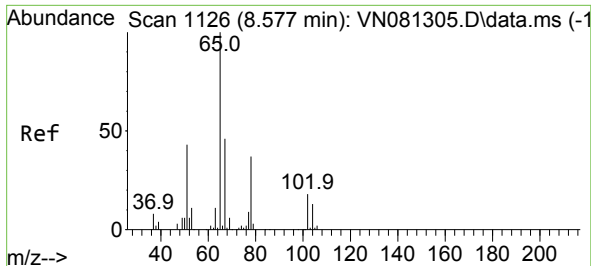
Ion Ratio Lower Upper

56 100

69 128.7 20.1 30.1#

84 104.0 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.112 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

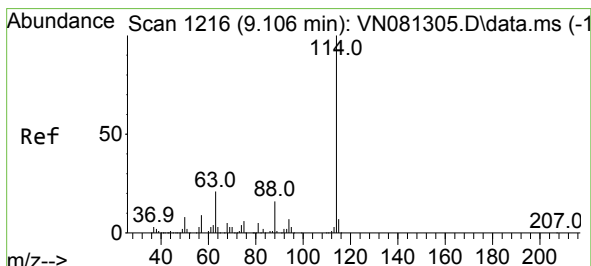
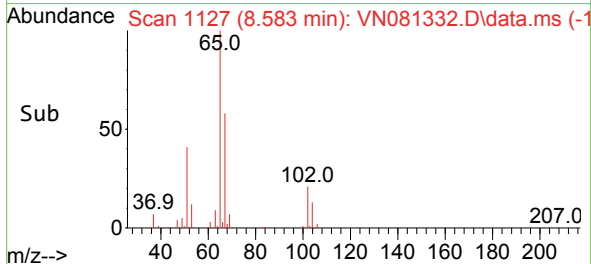
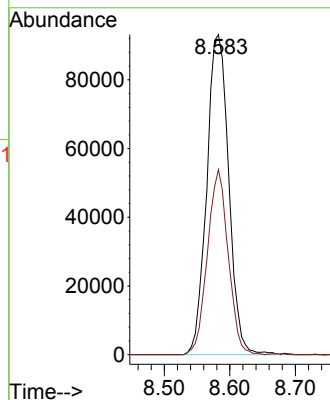
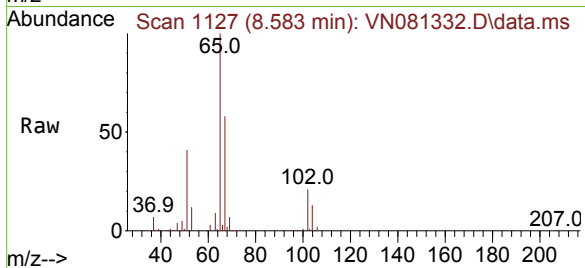
TP-3

Tgt Ion: 65 Resp: 217423

Ion Ratio Lower Upper

65 100

67 54.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

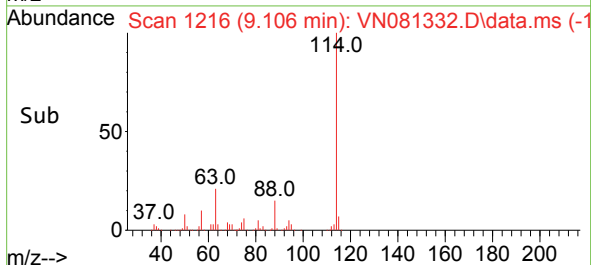
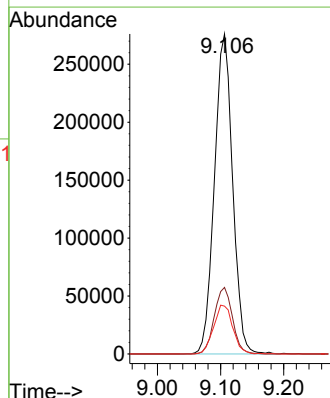
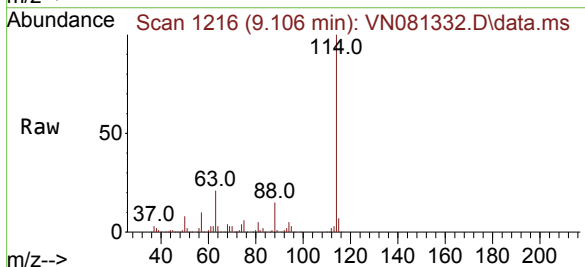
Tgt Ion: 114 Resp: 552518

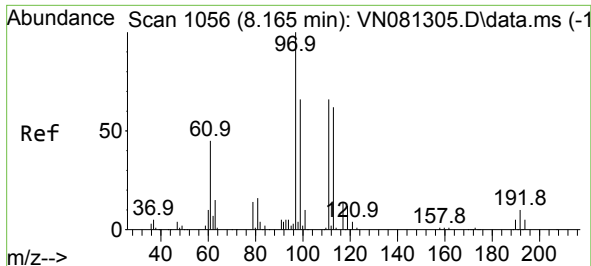
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.421 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

TP-3

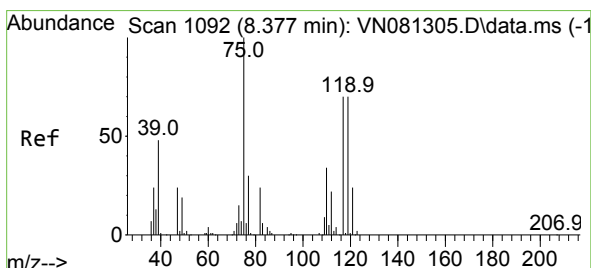
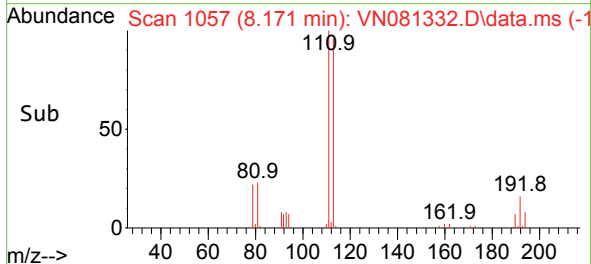
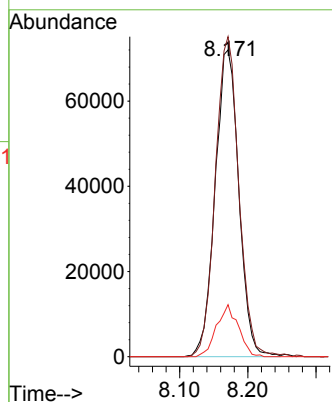
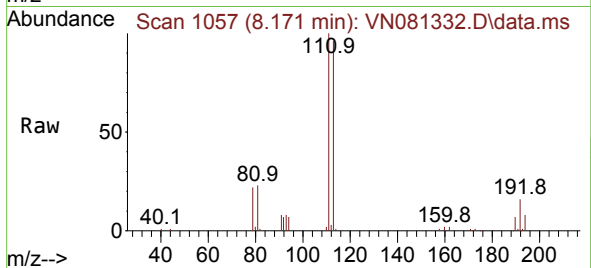
Tgt Ion:113 Resp: 174064

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 15.6 12.5 18.7



#36

1,1-Dichloropropene

Concen: 5.053 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

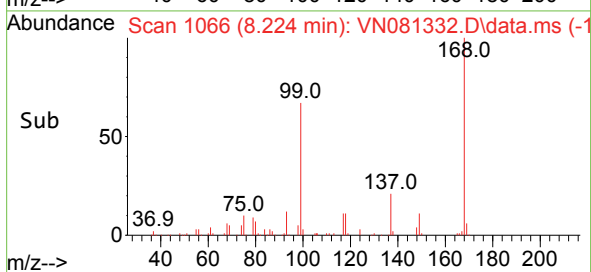
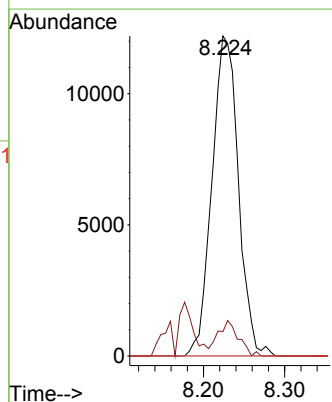
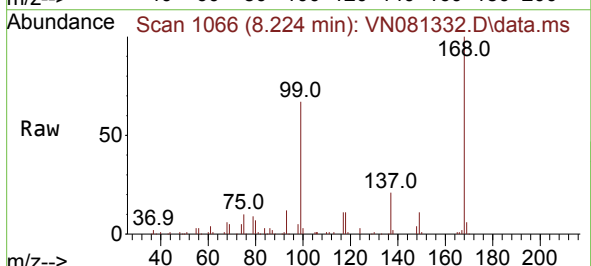
Tgt Ion: 75 Resp: 27598

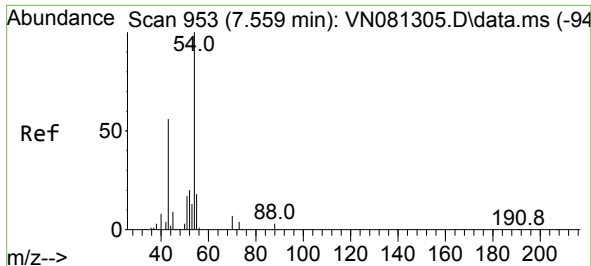
Ion Ratio Lower Upper

75 100

110 8.5 16.0 48.0#

77 0.0 25.8 38.6#

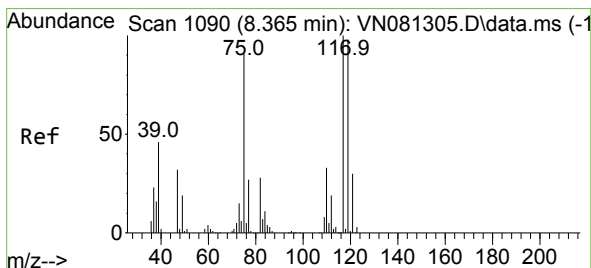
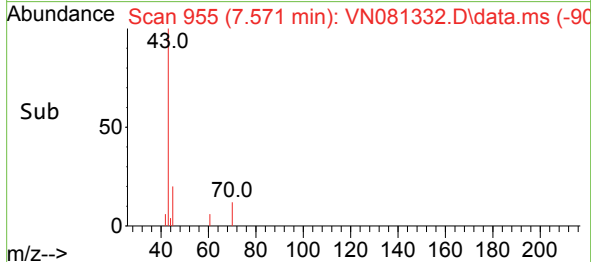
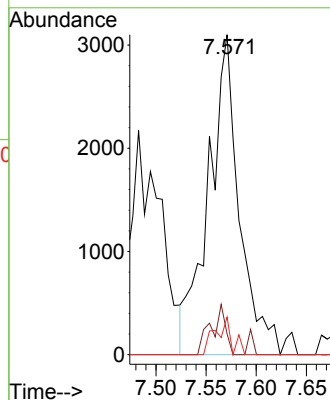
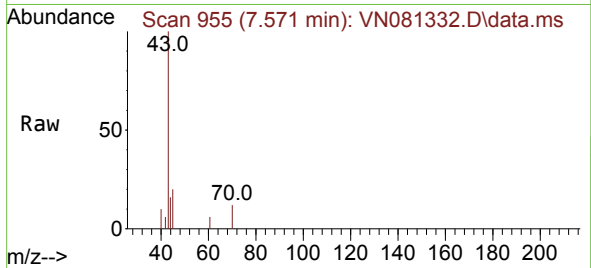




#37
Ethyl Acetate
Concen: 1.239 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

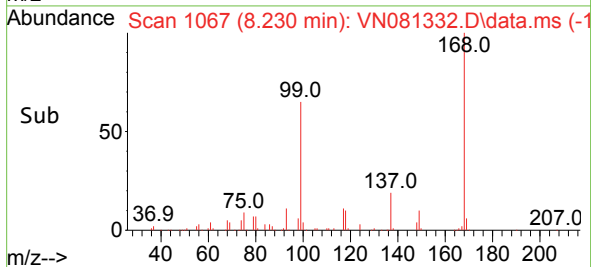
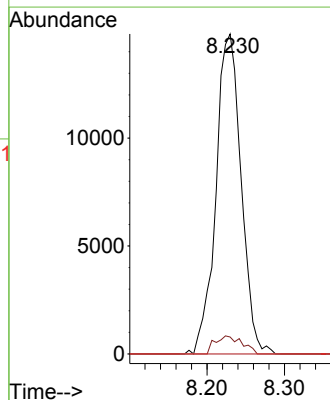
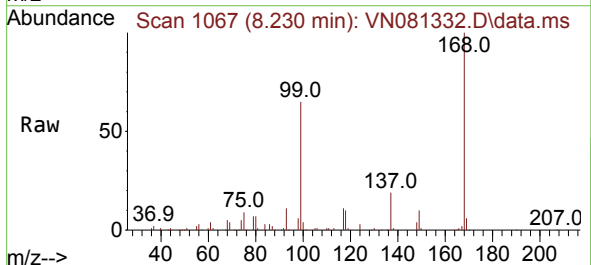
Instrument :
MSVOA_N
ClientSampleId :
TP-3

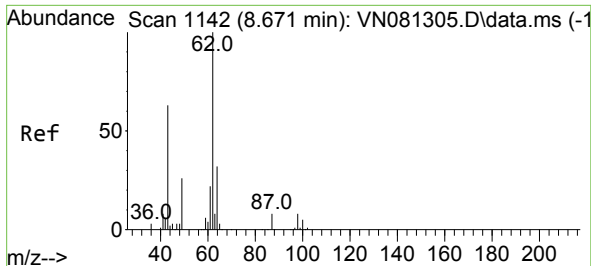
Tgt Ion: 43 Resp: 6616
Ion Ratio Lower Upper
43 100
61 7.5 10.6 15.8#
70 6.3 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Tgt Ion: 117 Resp: 33526
Ion Ratio Lower Upper
117 100
119 5.3 73.4 110.2#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.262 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

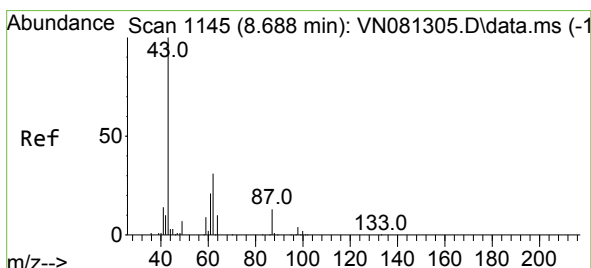
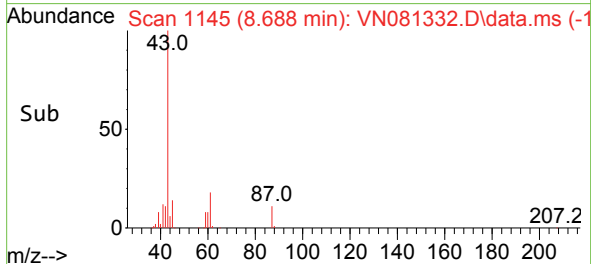
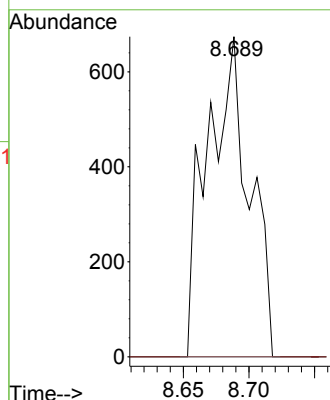
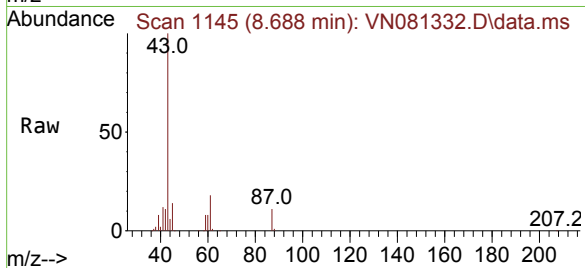
TP-3

Tgt Ion: 62 Resp: 1503

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 39.257 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

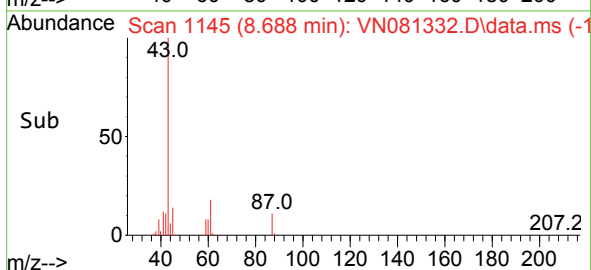
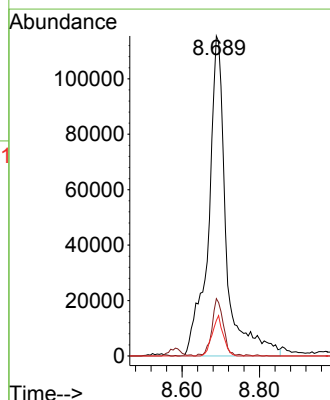
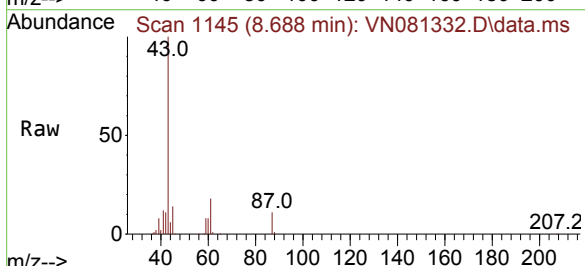
Tgt Ion: 43 Resp: 366814

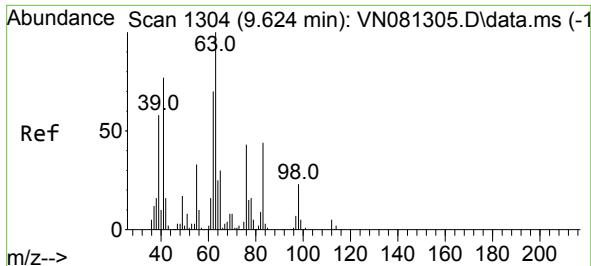
Ion Ratio Lower Upper

43 100

61 11.5 19.9 29.9#

87 7.9 9.0 13.6#





#45

1,2-Dichloropropane

Concen: 0.546 ug/l

RT: 9.753 min Scan# 1326

Delta R.T. 0.130 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

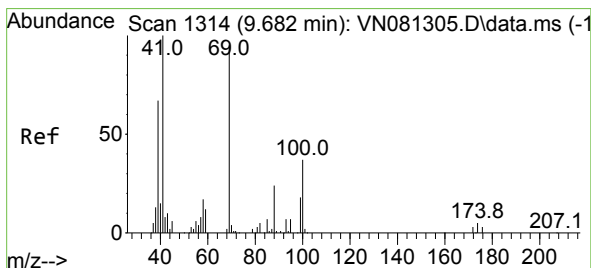
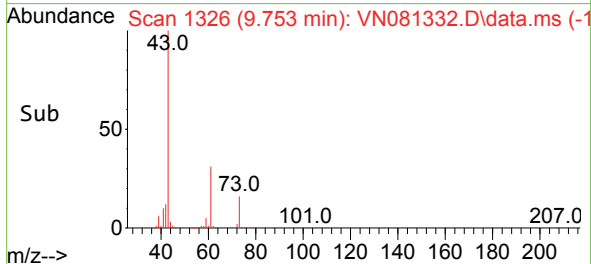
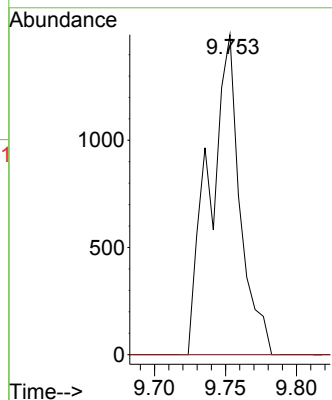
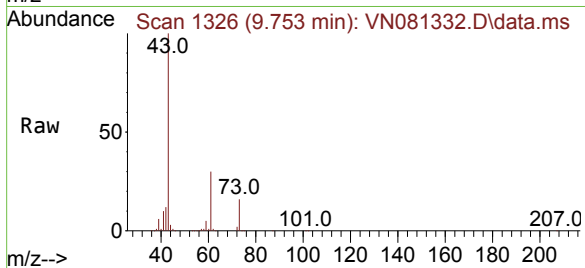
TP-3

Tgt Ion: 63 Resp: 2234

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.393 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

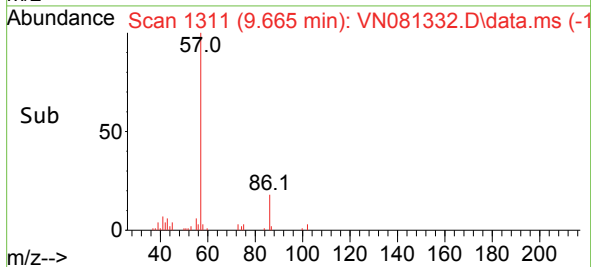
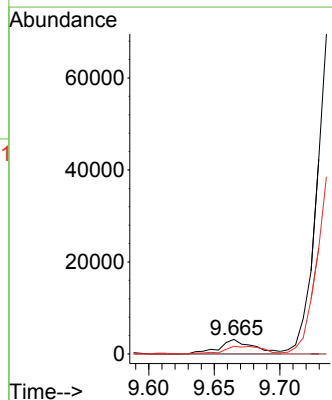
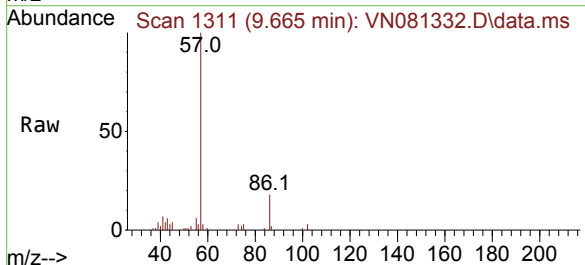
Tgt Ion: 41 Resp: 5752

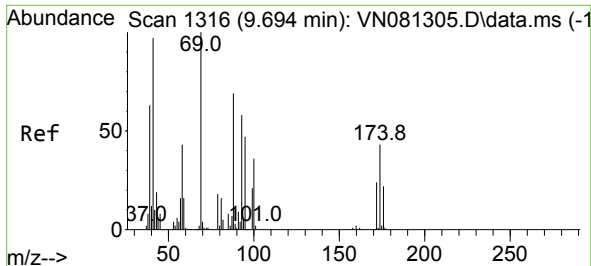
Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.2#

39 60.4 47.6 71.4





#49

1,4-Dioxane

Concen: 1.428 ug/l

RT: 9.730 min Scan# 1

Delta R.T. 0.035 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

TP-3

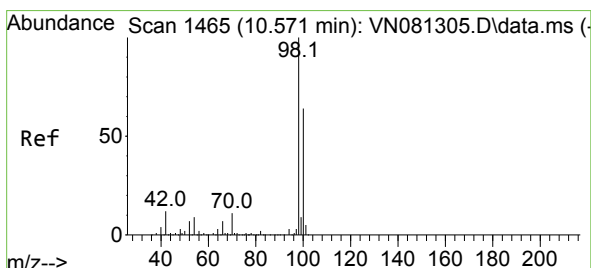
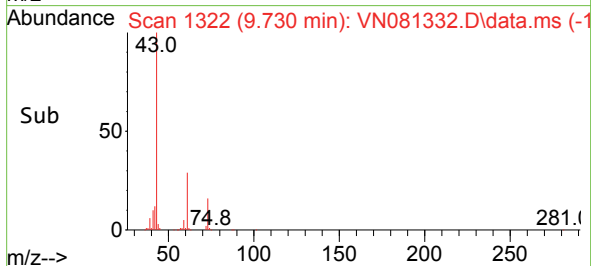
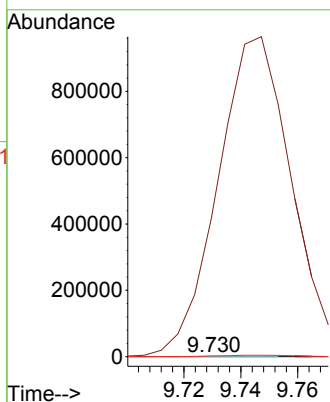
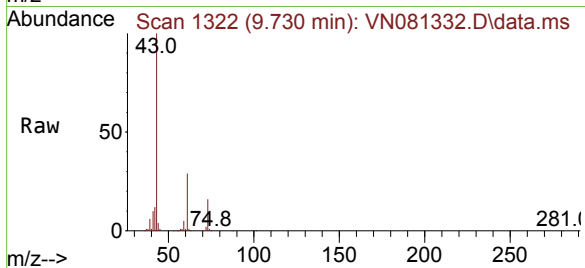
Tgt Ion: 88 Resp: 130

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 53.677 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081332.D

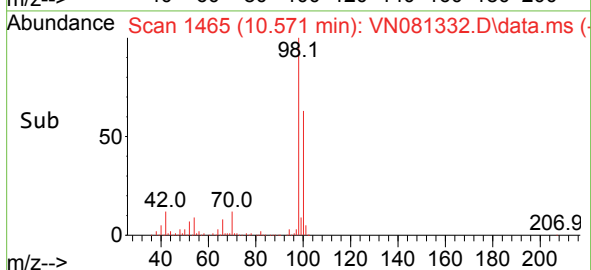
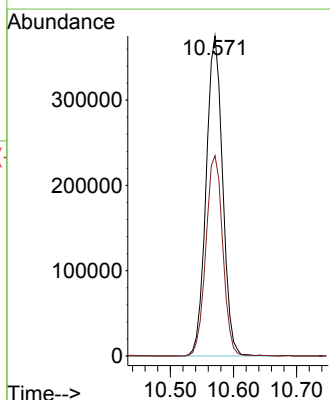
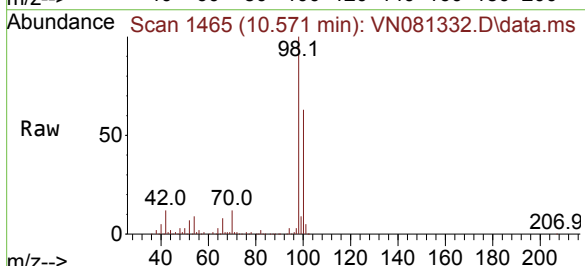
Acq: 06 Mar 2024 17:27

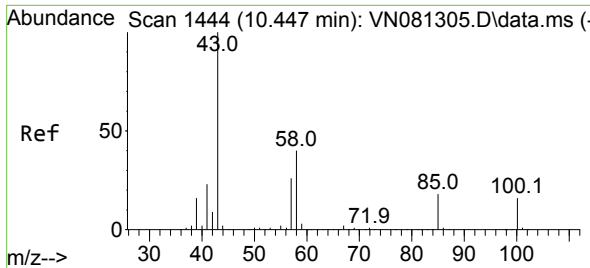
Tgt Ion: 98 Resp: 679246

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

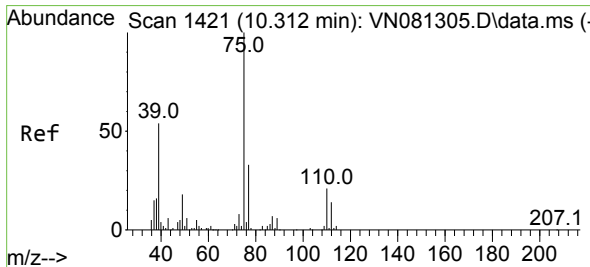
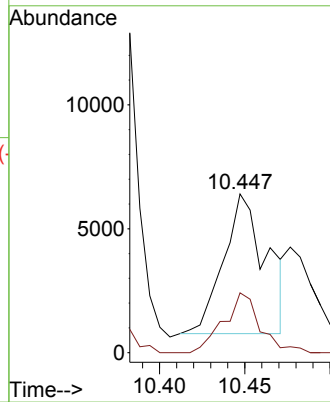
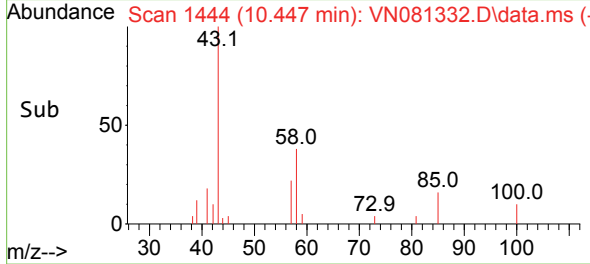
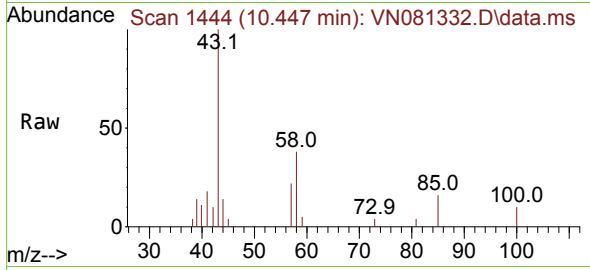




#51
4-Methyl-2-Pentanone
Concen: 1.814 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

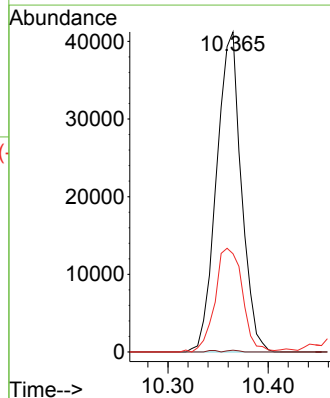
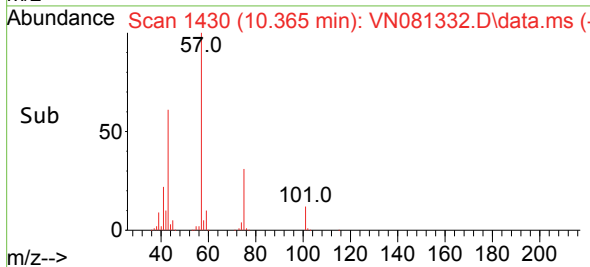
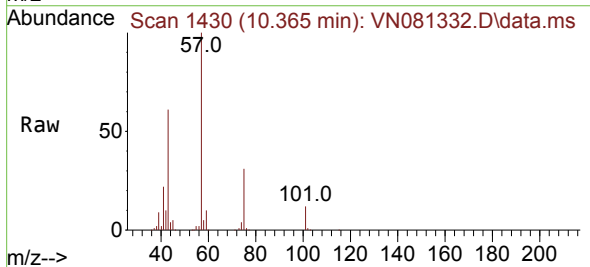
Instrument :
MSVOA_N
ClientSampleId :
TP-3

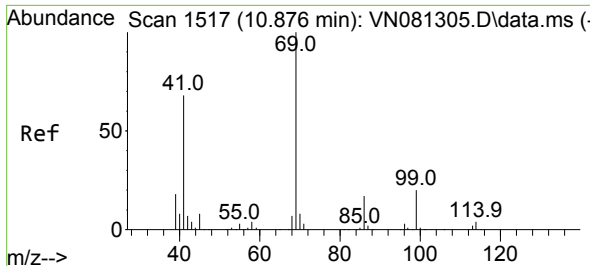
Tgt Ion: 43 Resp: 9842
Ion Ratio Lower Upper
43 100
58 36.5 29.4 44.0



#54
cis-1,3-Dichloropropene
Concen: 10.805 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.053 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Tgt Ion: 75 Resp: 70715
Ion Ratio Lower Upper
75 100
77 0.5 23.3 34.9#
39 29.1 44.6 66.8#

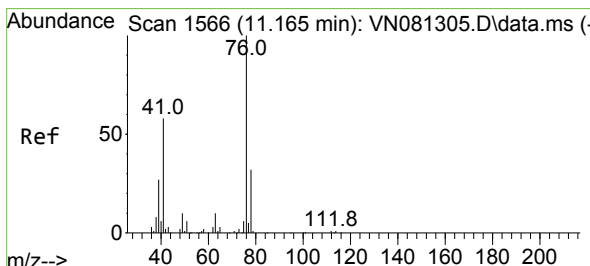
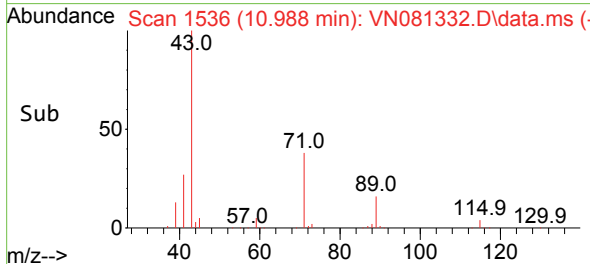
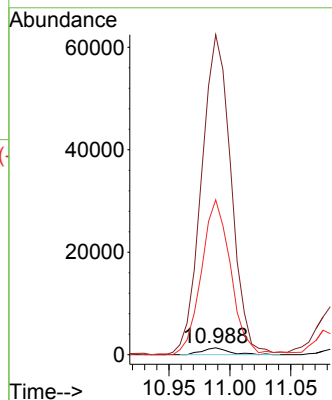
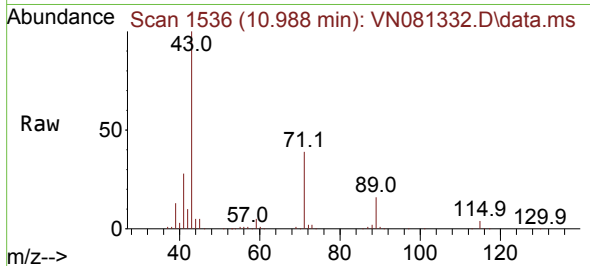




#56
Ethyl methacrylate
Concen: 0.362 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

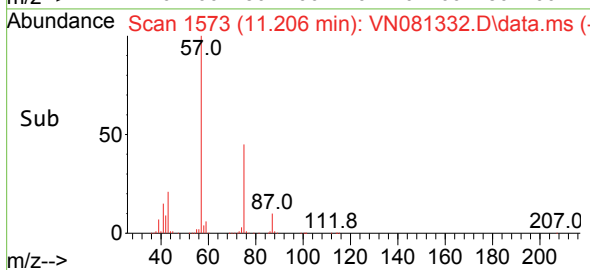
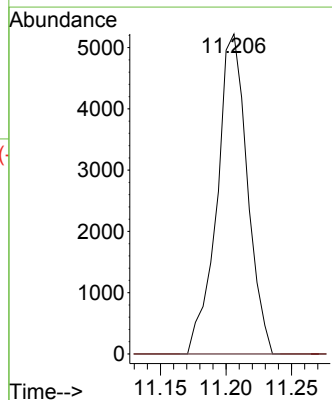
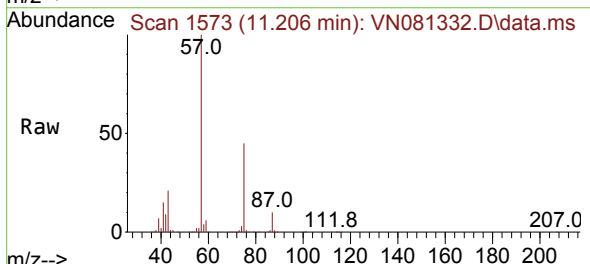
Instrument :
MSVOA_N
ClientSampleId :
TP-3

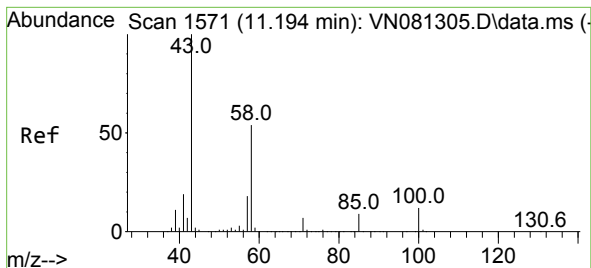
Tgt Ion: 69 Resp: 2028
Ion Ratio Lower Upper
69 100
41 5232.8 61.0 91.6#
39 2506.9 31.8 47.6#



#57
1,3-Dichloropropane
Concen: 1.232 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Tgt Ion: 76 Resp: 8397
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#

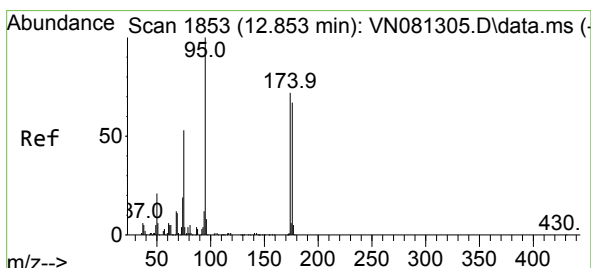
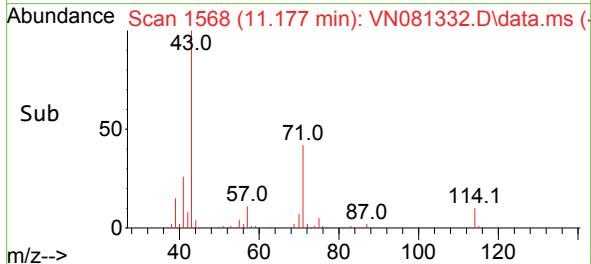
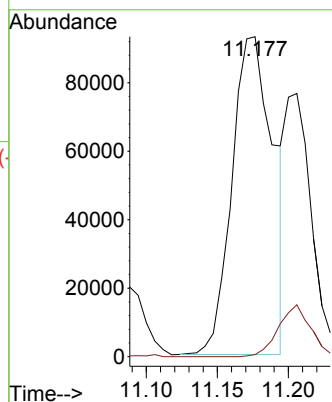
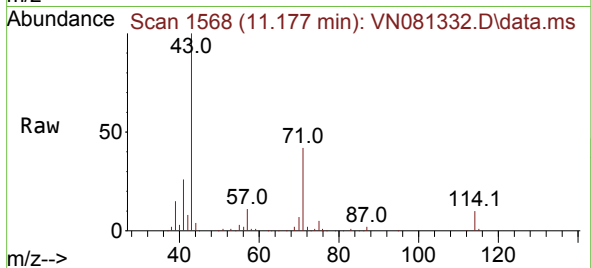




#59
2-Hexanone
Concen: 46.191 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.018 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

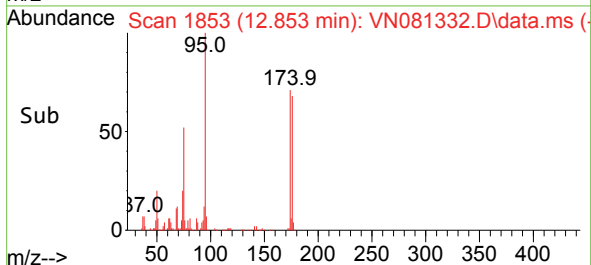
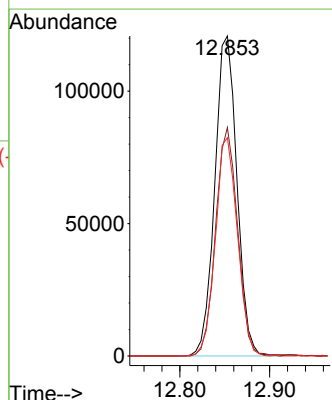
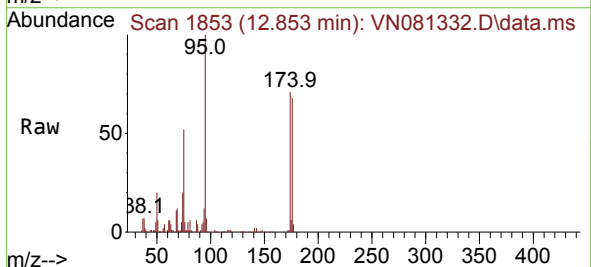
Instrument :
MSVOA_N
ClientSampleId :
TP-3

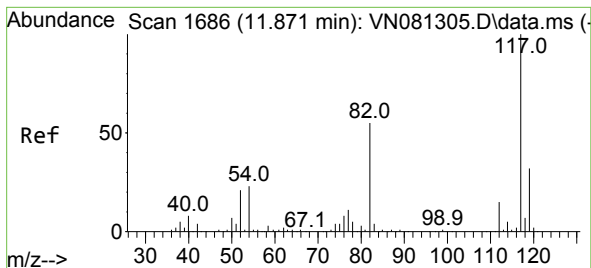
Tgt Ion: 43 Resp: 187354
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 46.211 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Tgt Ion: 95 Resp: 206679
Ion Ratio Lower Upper
95 100
174 71.3 0.0 120.4
176 68.2 0.0 121.0

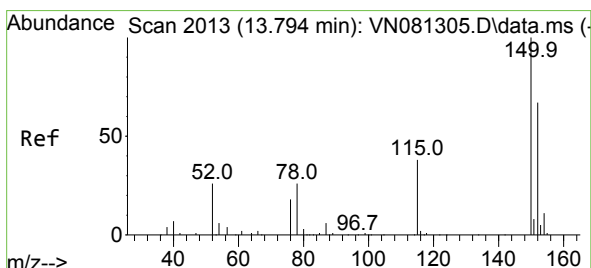
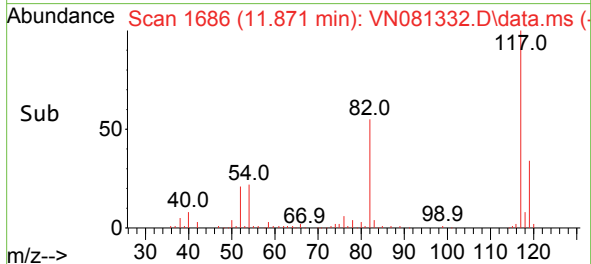
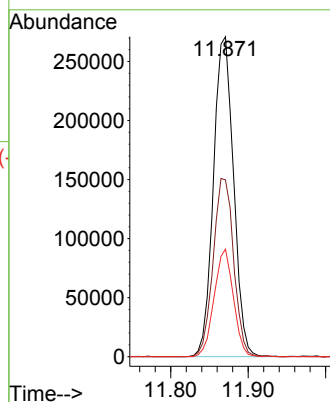
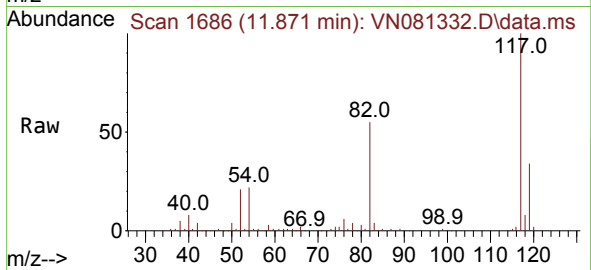




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

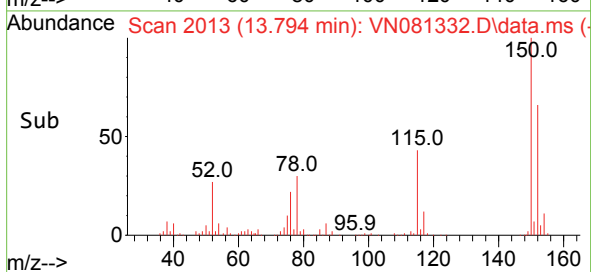
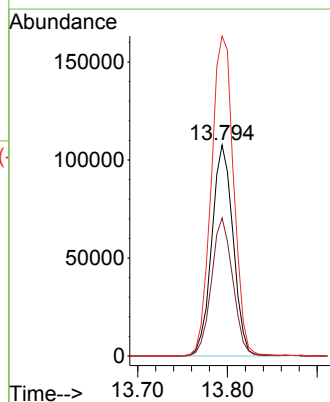
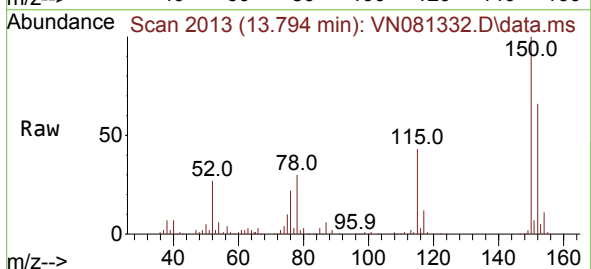
Instrument :
MSVOA_N
ClientSampleId :
TP-3

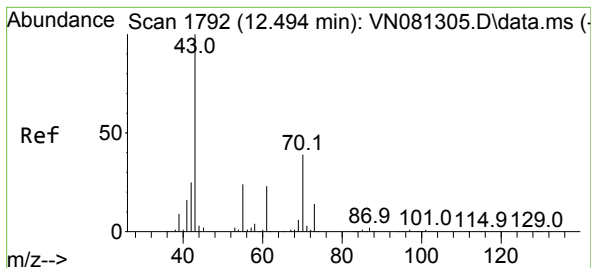
Tgt Ion:117 Resp: 489726
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 33.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Tgt Ion:152 Resp: 177703
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 159.4 0.0 339.8





#74

N-amy1 acetate

Concen: 0.477 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081332.D

Acq: 06 Mar 2024 17:27

Instrument :

MSVOA_N

ClientSampleId :

TP-3

Tgt Ion: 43 Resp: 2874

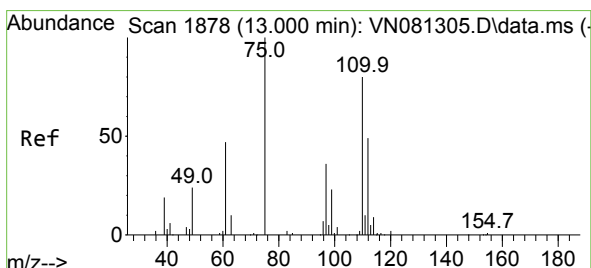
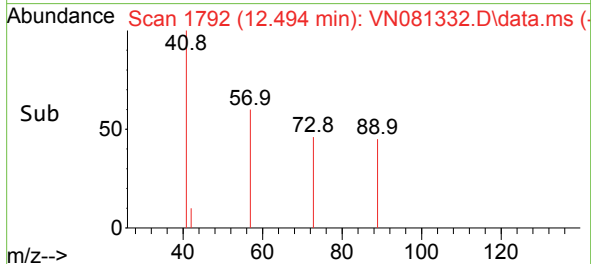
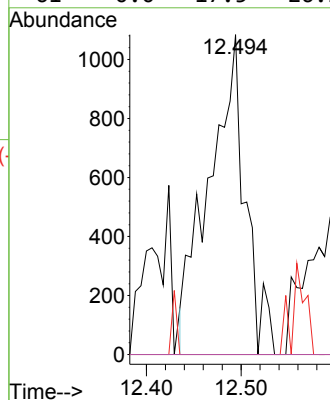
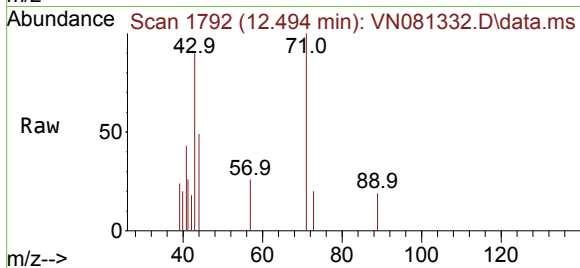
Ion Ratio Lower Upper

43 100

70 0.0 30.1 45.1#

55 0.0 17.0 25.4#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 26.392 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.153 min

Lab File: VN081332.D

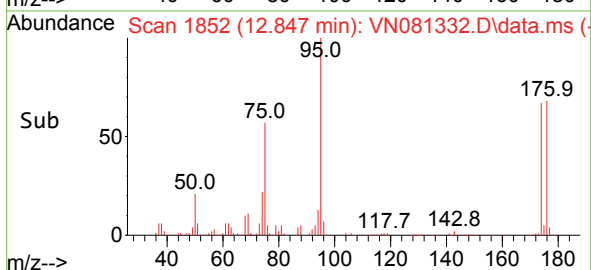
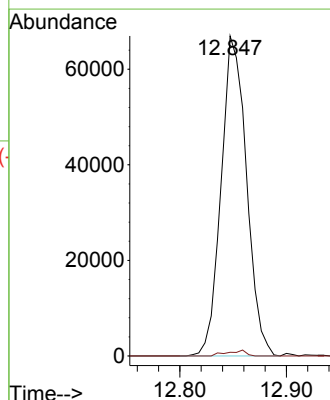
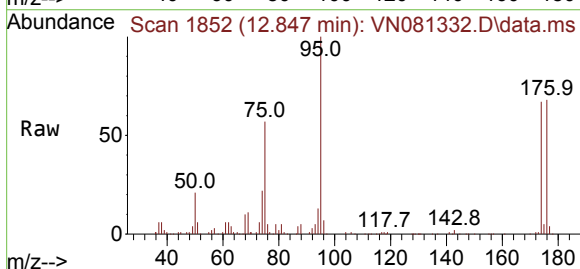
Acq: 06 Mar 2024 17:27

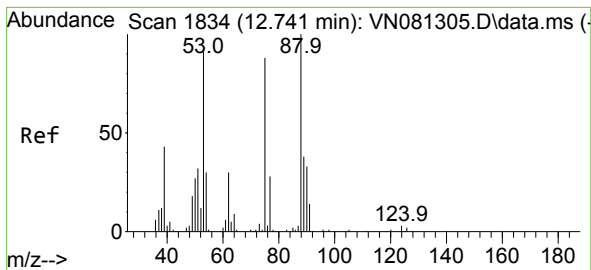
Tgt Ion: 75 Resp: 110775

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.655 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN081332.D
Acq: 06 Mar 2024 17:27

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 110775
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

