

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080900.D
 Acq On : 05 Feb 2024 16:38
 Operator : JC\MD
 Sample : P1371-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T240-AOP

Quant Time: Feb 06 04:44:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

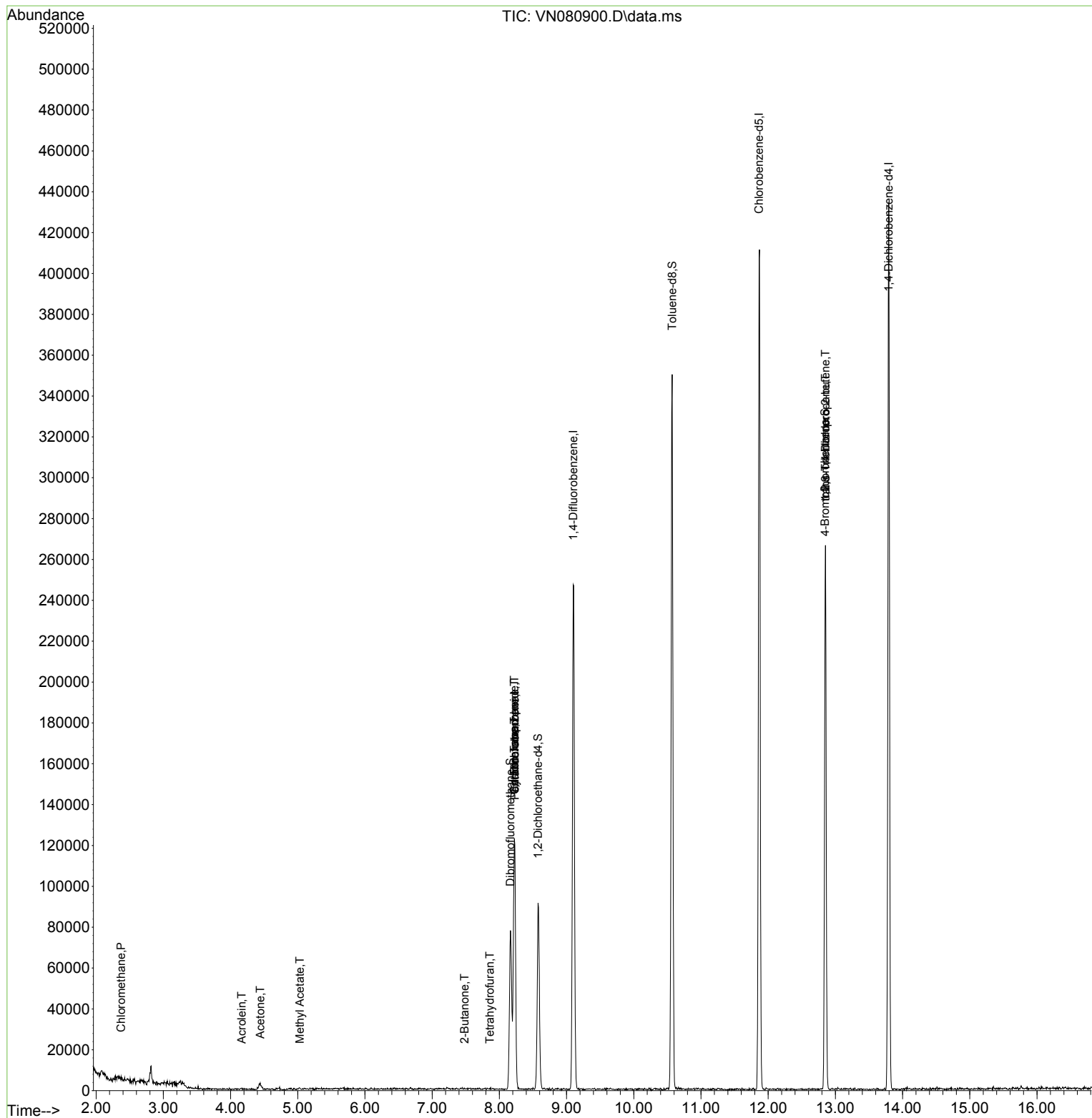
Internal Standards						
1) Pentafluorobenzene	8.230	168	80648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	195501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	67452	48.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.700%
35) Dibromofluoromethane	8.165	113	52648	44.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.040%
50) Toluene-d8	10.571	98	225982	48.272	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.847	95	89723	55.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1955	1.086	ug/l #	43
13) Acrolein	4.165	56	145	0.506	ug/l	89
16) Acetone	4.442	43	4852	9.589	ug/l #	82
18) Methyl Acetate	5.030	43	372	0.211	ug/l #	54
25) 2-Butanone	7.483	43	282	0.293	ug/l #	51
29) Tetrahydrofuran	7.859	42	204	0.314	ug/l #	38
31) Cyclohexane	8.224	56	3895	1.628	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	8775	3.947	ug/l #	50
38) Carbon Tetrachloride	8.224	117	10117	5.648	ug/l #	14
76) 1,2,3-Trichloropropane	12.853	75	53349	19.633	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53349	50.579	ug/l #	14

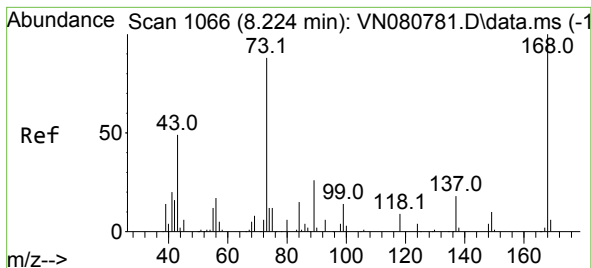
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN080900.D

Acq: 05 Feb 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

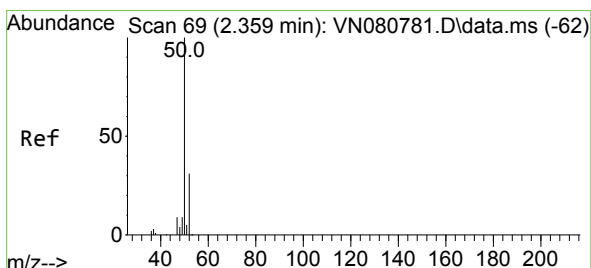
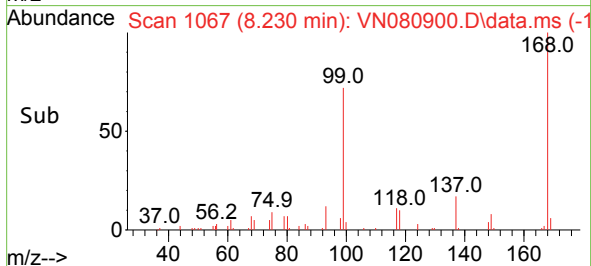
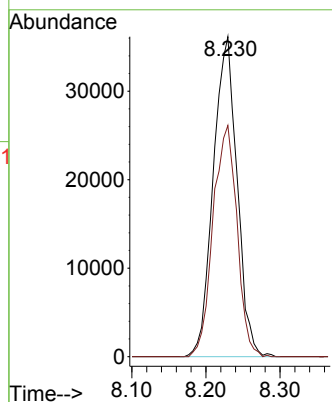
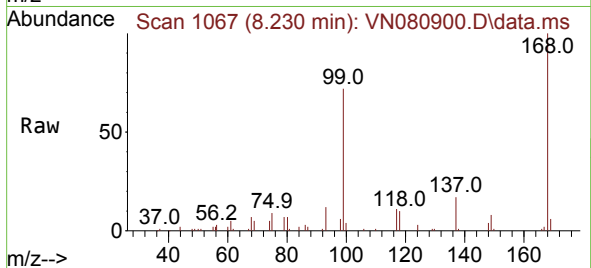
T240-AOP

Tgt Ion:168 Resp: 80648

Ion Ratio Lower Upper

168 100

99 72.3 59.9 89.9



#3

Chloromethane

Concen: 1.086 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN080900.D

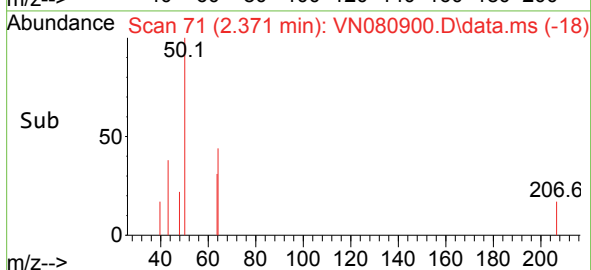
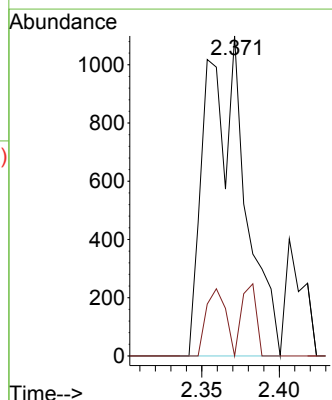
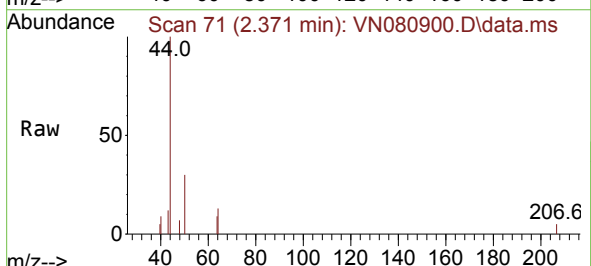
Acq: 05 Feb 2024 16:38

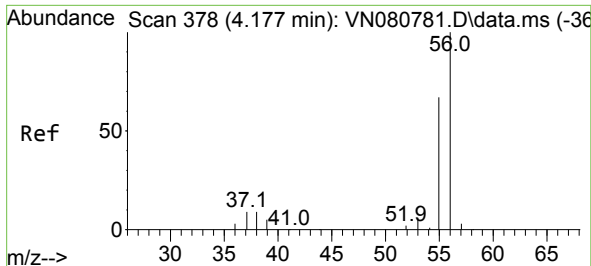
Tgt Ion: 50 Resp: 1955

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#





#13

Acrolein

Concen: 0.506 ug/l

RT: 4.165 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN080900.D

Acq: 05 Feb 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

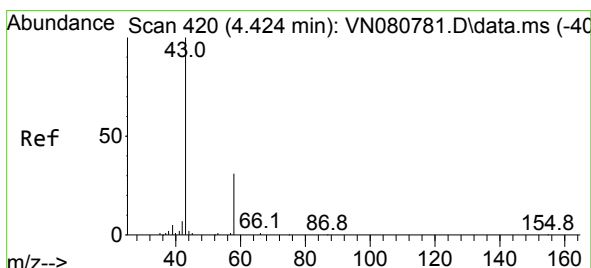
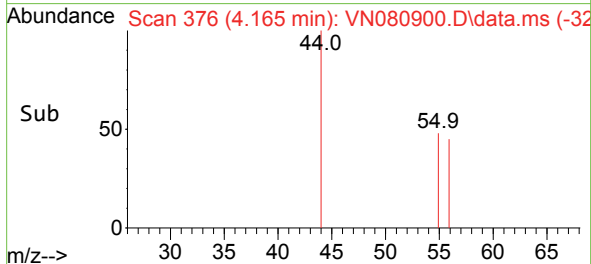
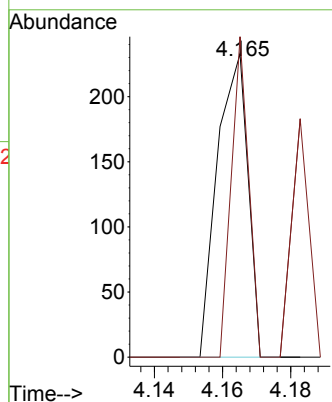
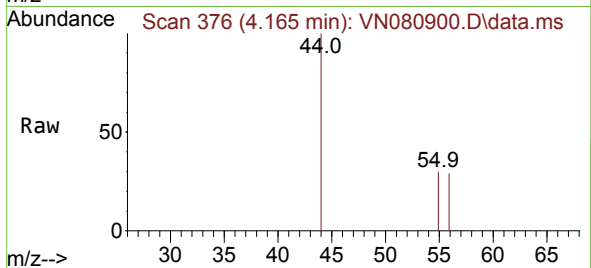
T240-AOP

Tgt Ion: 56 Resp: 145

Ion Ratio Lower Upper

56 100

55 60.0 55.3 82.9



#16

Acetone

Concen: 9.589 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.018 min

Lab File: VN080900.D

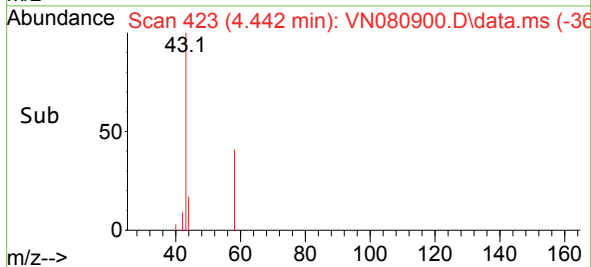
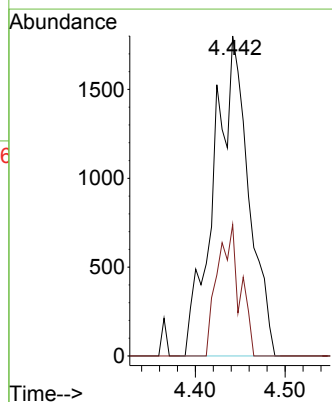
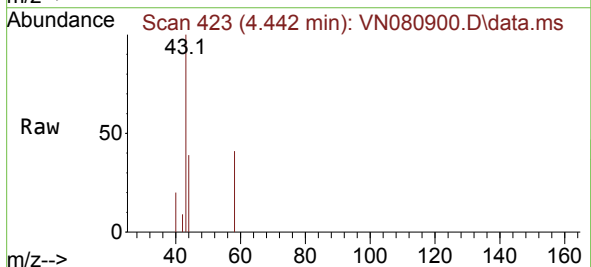
Acq: 05 Feb 2024 16:38

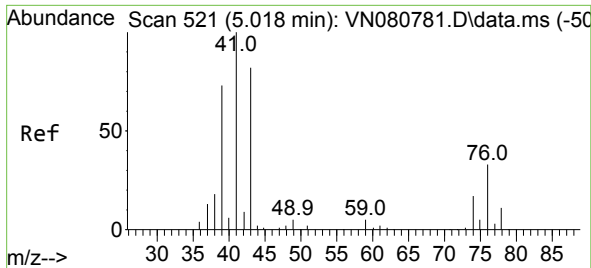
Tgt Ion: 43 Resp: 4852

Ion Ratio Lower Upper

43 100

58 41.0 24.8 37.2#

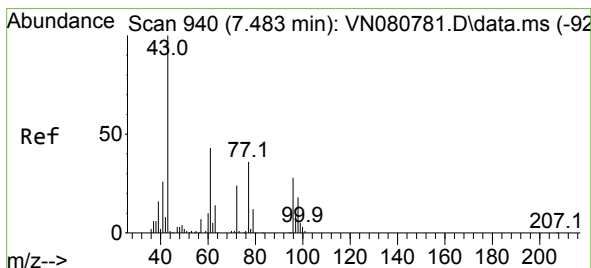
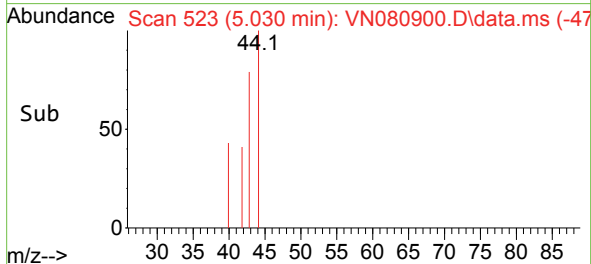
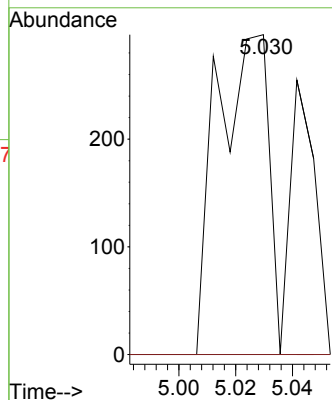
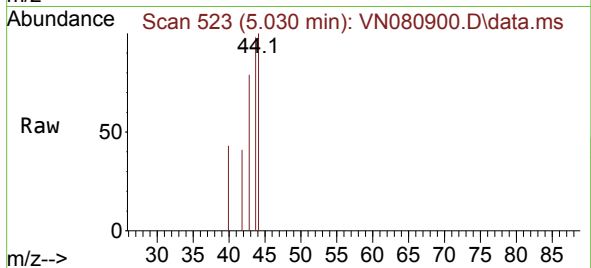




#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080900.D
Acq: 05 Feb 2024 16:38

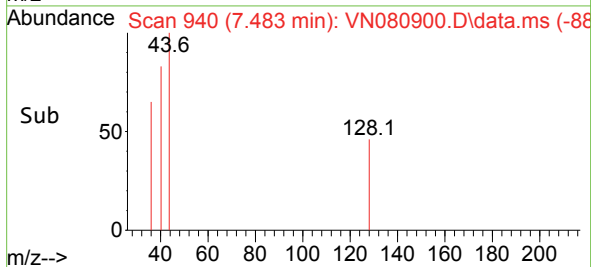
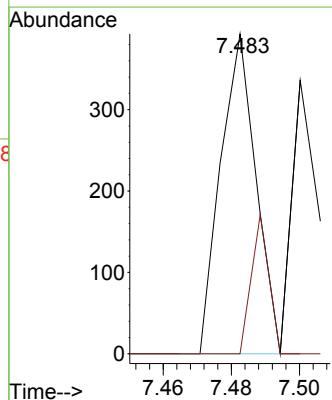
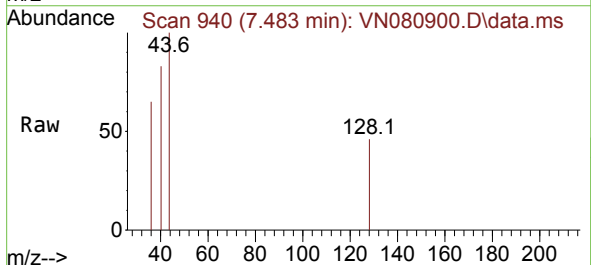
Instrument :
MSVOA_N
ClientSampleId :
T240-AOP

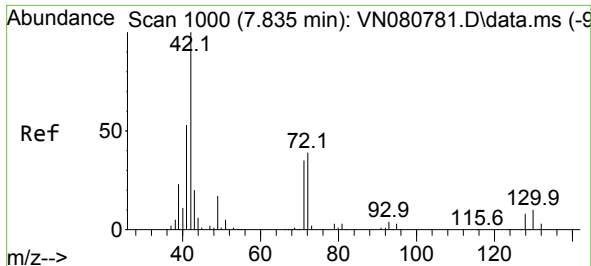
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#25
2-Butanone
Concen: 0.293 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080900.D
Acq: 05 Feb 2024 16:38

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#

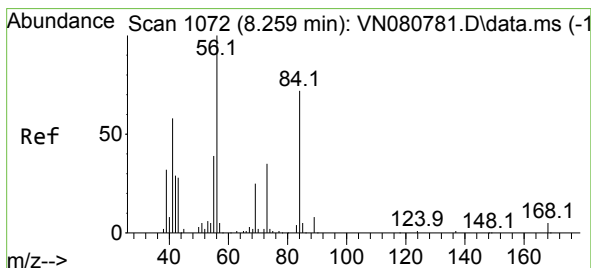
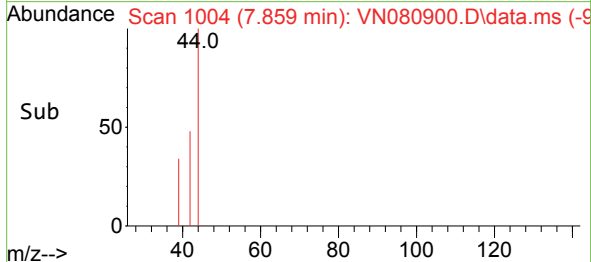
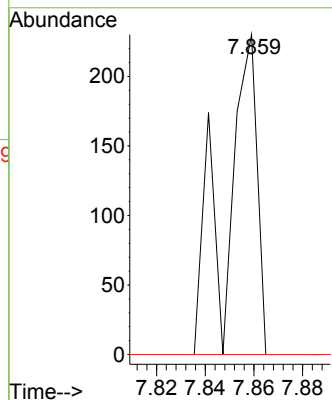
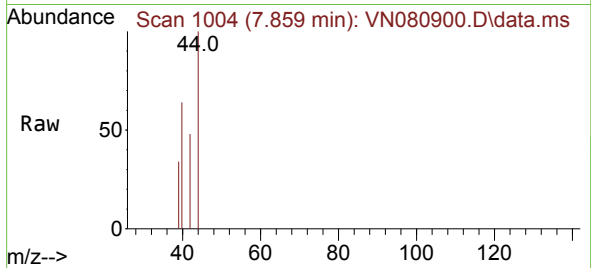




#29
Tetrahydrofuran
Concen: 0.314 ug/l
RT: 7.859 min Scan# 1066
Delta R.T. 0.024 min
Lab File: VN080900.D
Acq: 05 Feb 2024 16:38

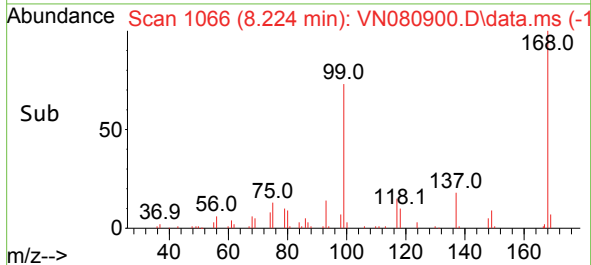
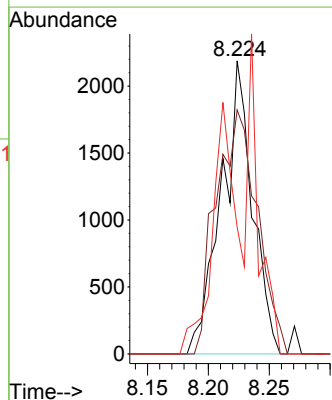
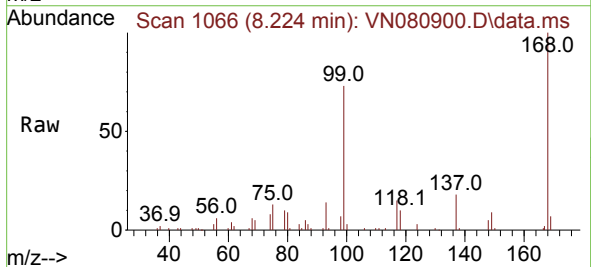
Instrument :
MSVOA_N
ClientSampleId :
T240-AOP

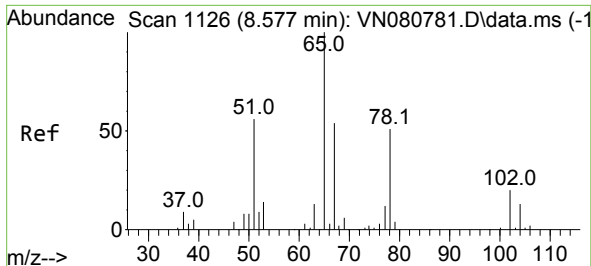
Tgt Ion:	42	Resp:	204
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.1	46.7#
71	0.0	28.3	42.5#



#31
Cyclohexane
Concen: 1.628 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080900.D
Acq: 05 Feb 2024 16:38

Tgt Ion:	56	Resp:	3895
Ion	Ratio	Lower	Upper
56	100		
69	83.3	20.1	30.1#
84	43.3	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 48.346 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080900.D

Acq: 05 Feb 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

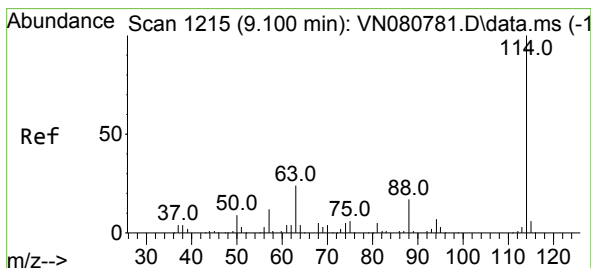
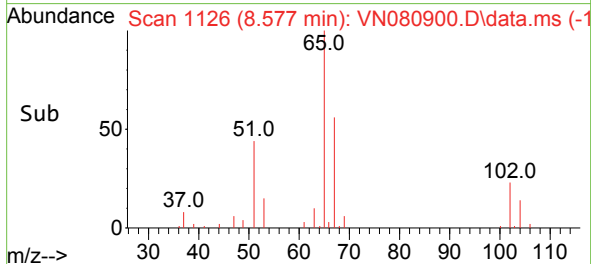
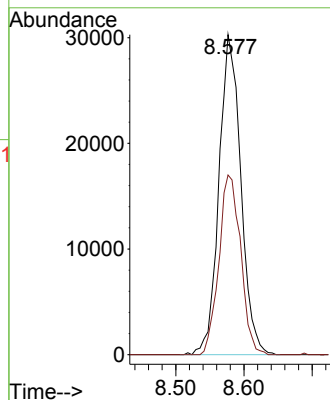
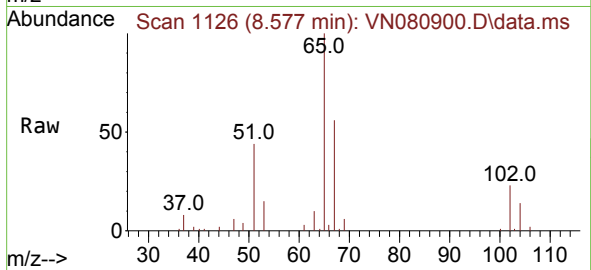
T240-AOP

Tgt Ion: 65 Resp: 67452

Ion Ratio Lower Upper

65 100

67 55.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080900.D

Acq: 05 Feb 2024 16:38

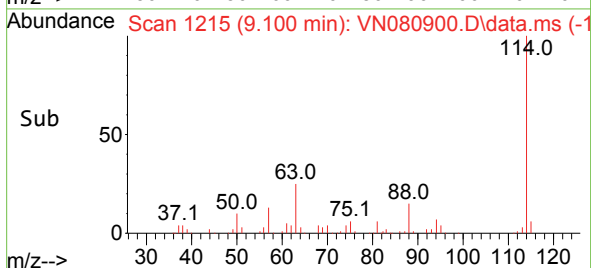
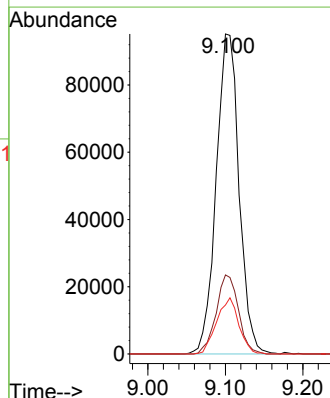
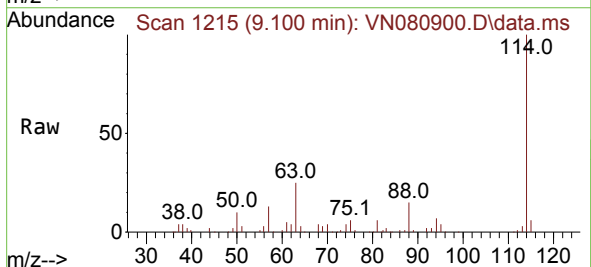
Tgt Ion: 114 Resp: 195501

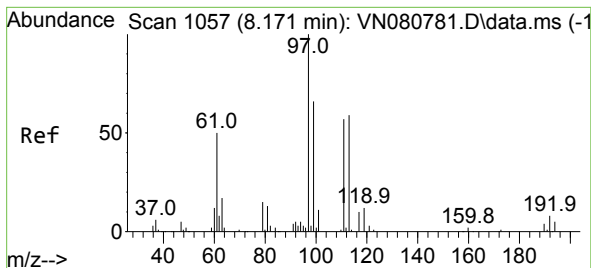
Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 44.017 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080900.D

Acq: 05 Feb 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

T240-AOP

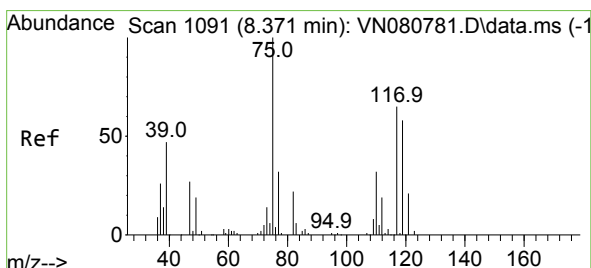
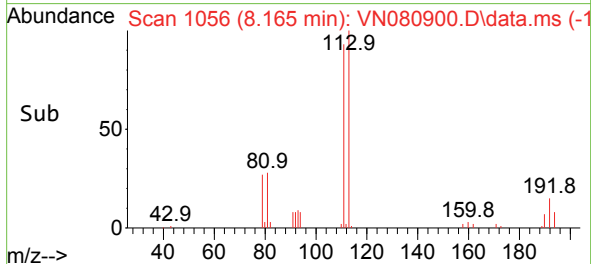
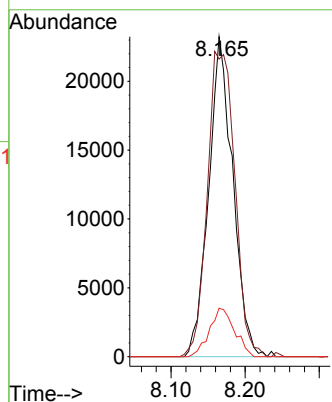
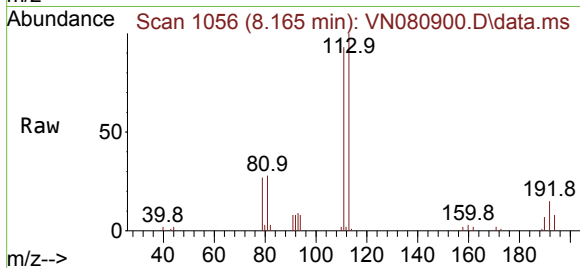
Tgt Ion:113 Resp: 52648

Ion Ratio Lower Upper

113 100

111 108.4 82.2 123.4

192 15.7 12.5 18.7



#36

1,1-Dichloropropene

Concen: 3.947 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080900.D

Acq: 05 Feb 2024 16:38

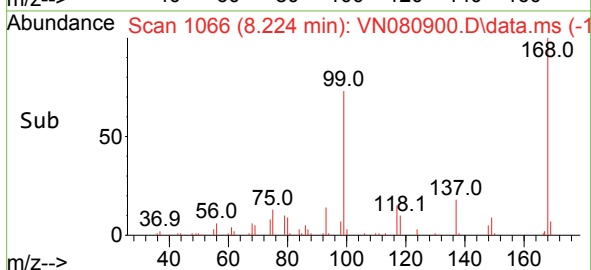
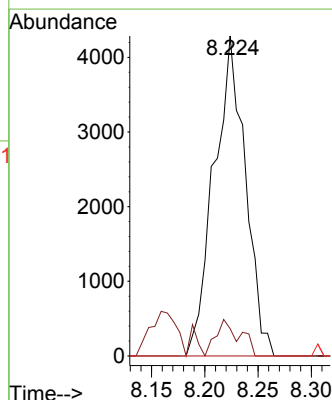
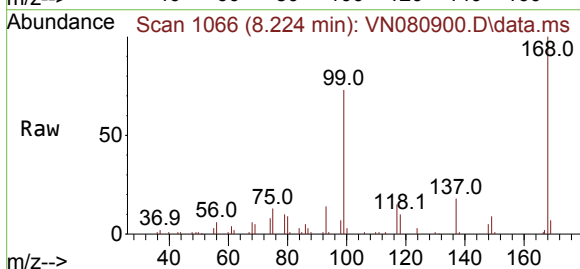
Tgt Ion: 75 Resp: 8775

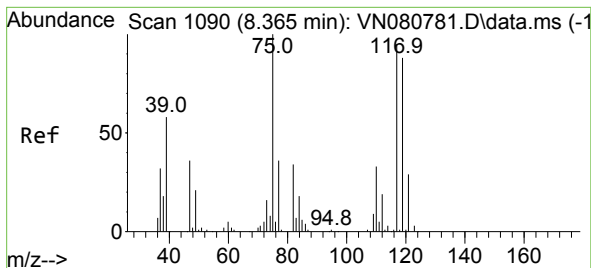
Ion Ratio Lower Upper

75 100

110 8.7 16.0 48.0#

77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.648 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080900.D

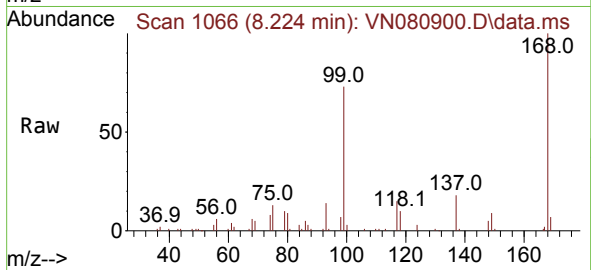
Acq: 05 Feb 2024 16:38

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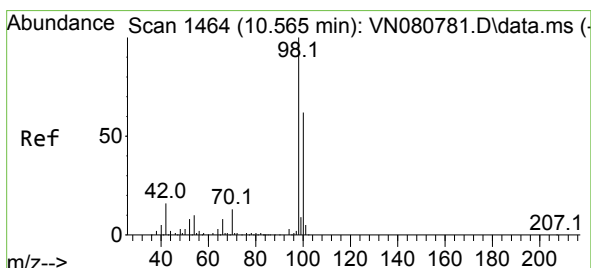
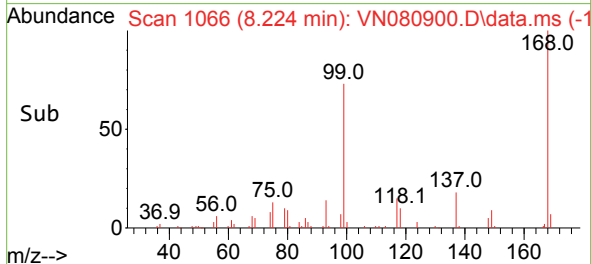
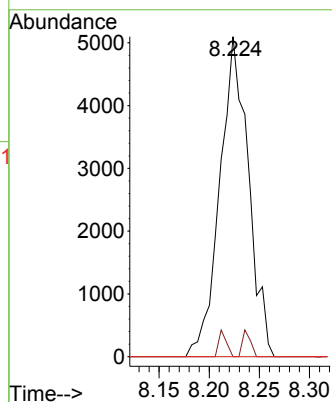
Tgt Ion:117 Resp: 10117

Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.272 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080900.D

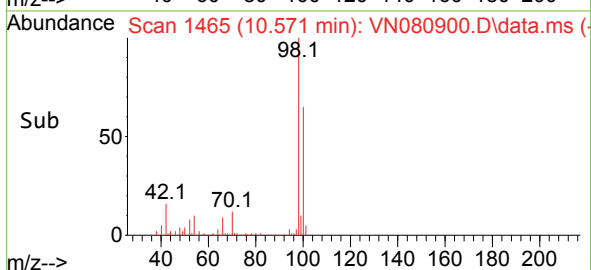
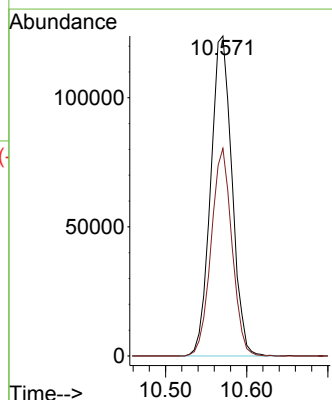
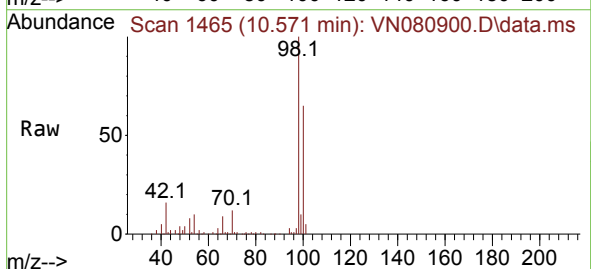
Acq: 05 Feb 2024 16:38

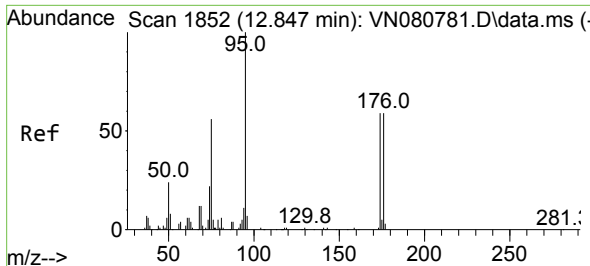
Tgt Ion: 98 Resp: 225982

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.0

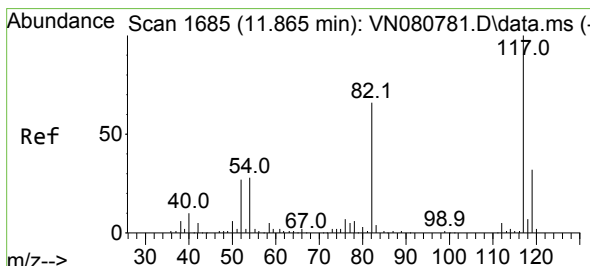
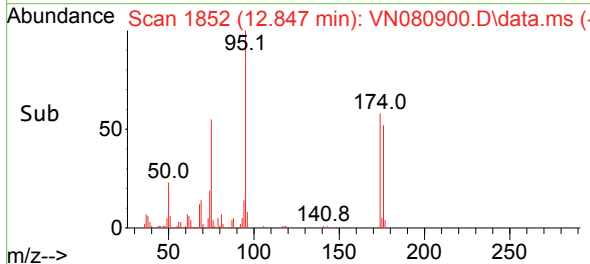
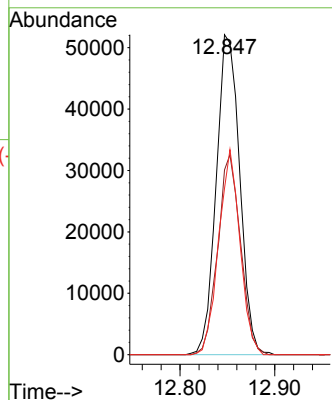
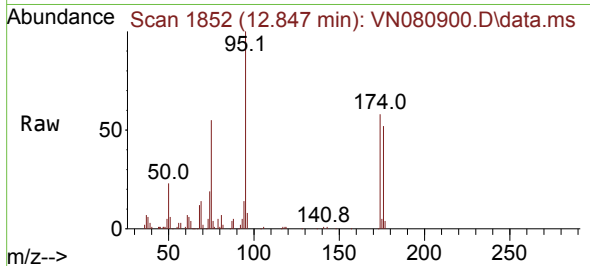




#62
4-Bromofluorobenzene
Concen: 55.000 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080900.D
Acq: 05 Feb 2024 16:38

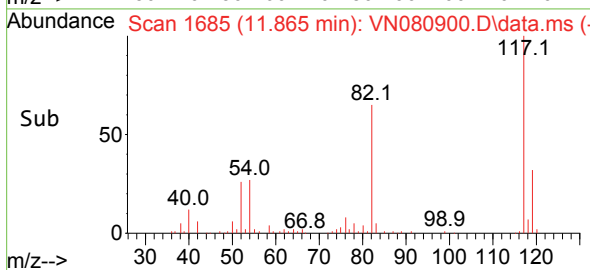
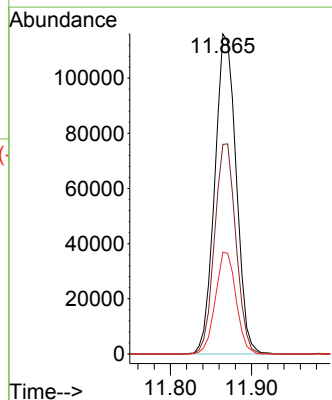
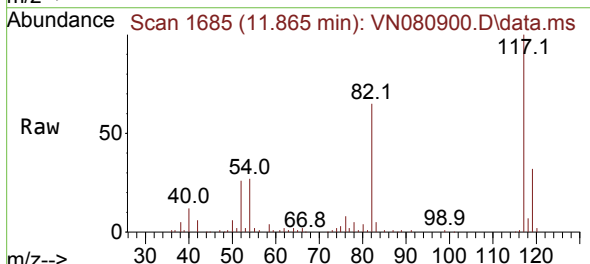
Instrument :
MSVOA_N
ClientSampleId :
T240-AOP

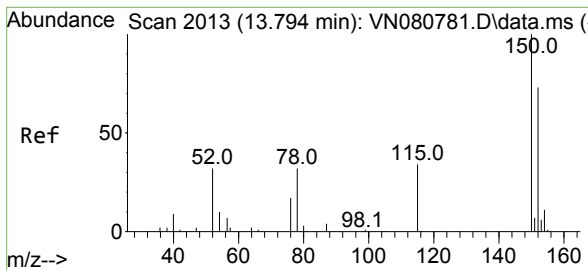
Tgt Ion: 95 Resp: 89723
Ion Ratio Lower Upper
95 100
174 60.8 0.0 120.4
176 58.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080900.D
Acq: 05 Feb 2024 16:38

Tgt Ion: 117 Resp: 212597
Ion Ratio Lower Upper
117 100
82 65.5 52.7 79.1
119 31.8 25.3 37.9

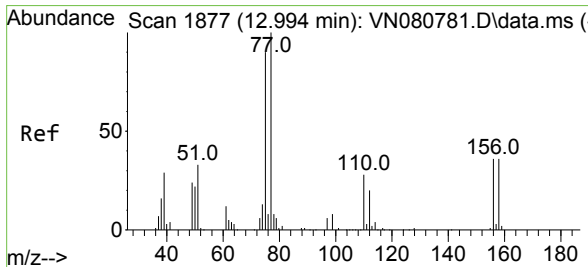
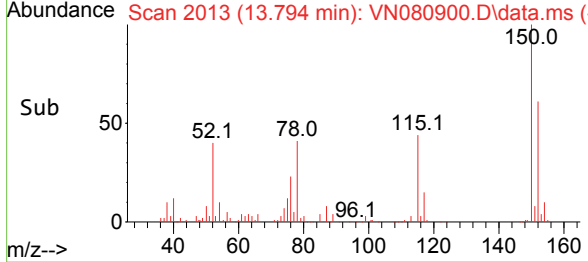
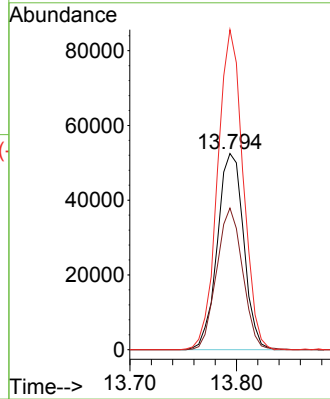
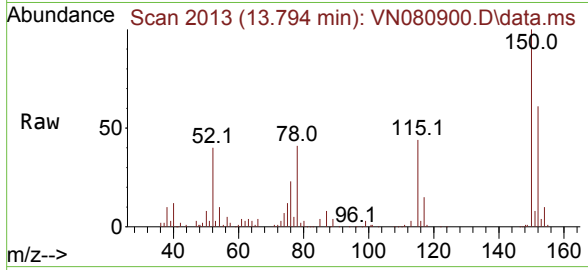




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080900.D
 Acq: 05 Feb 2024 16:38

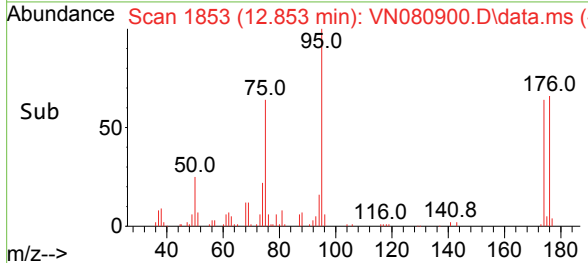
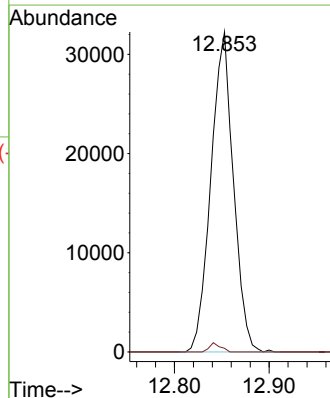
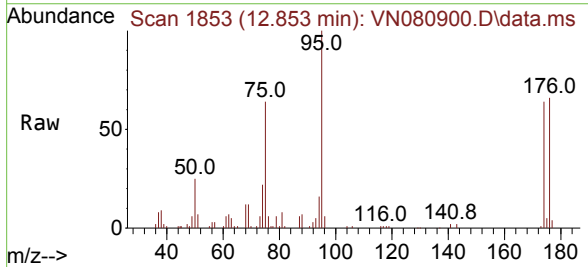
Instrument :
 MSVOA_N
 ClientSampleId :
 T240-AOP

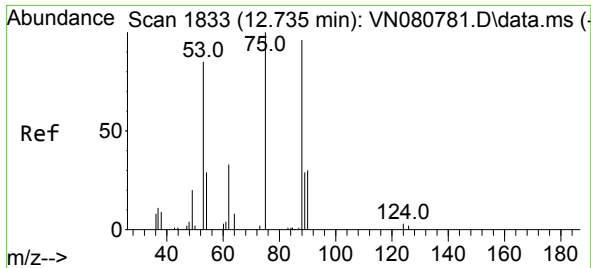
Tgt Ion:152 Resp: 90094
 Ion Ratio Lower Upper
 152 100
 115 71.2 32.3 96.8
 150 157.8 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 19.633 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080900.D
 Acq: 05 Feb 2024 16:38

Tgt Ion: 75 Resp: 53349
 Ion Ratio Lower Upper
 75 100
 77 1.4 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 50.579 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080900.D
Acq: 05 Feb 2024 16:38

Instrument :
MSVOA_N
ClientSampleId :
T240-AOP

Tgt Ion: 75 Resp: 53349
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

