

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082326.D
 Acq On : 23 May 2024 17:07
 Operator : JC\MD
 Sample : P2562-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:21:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

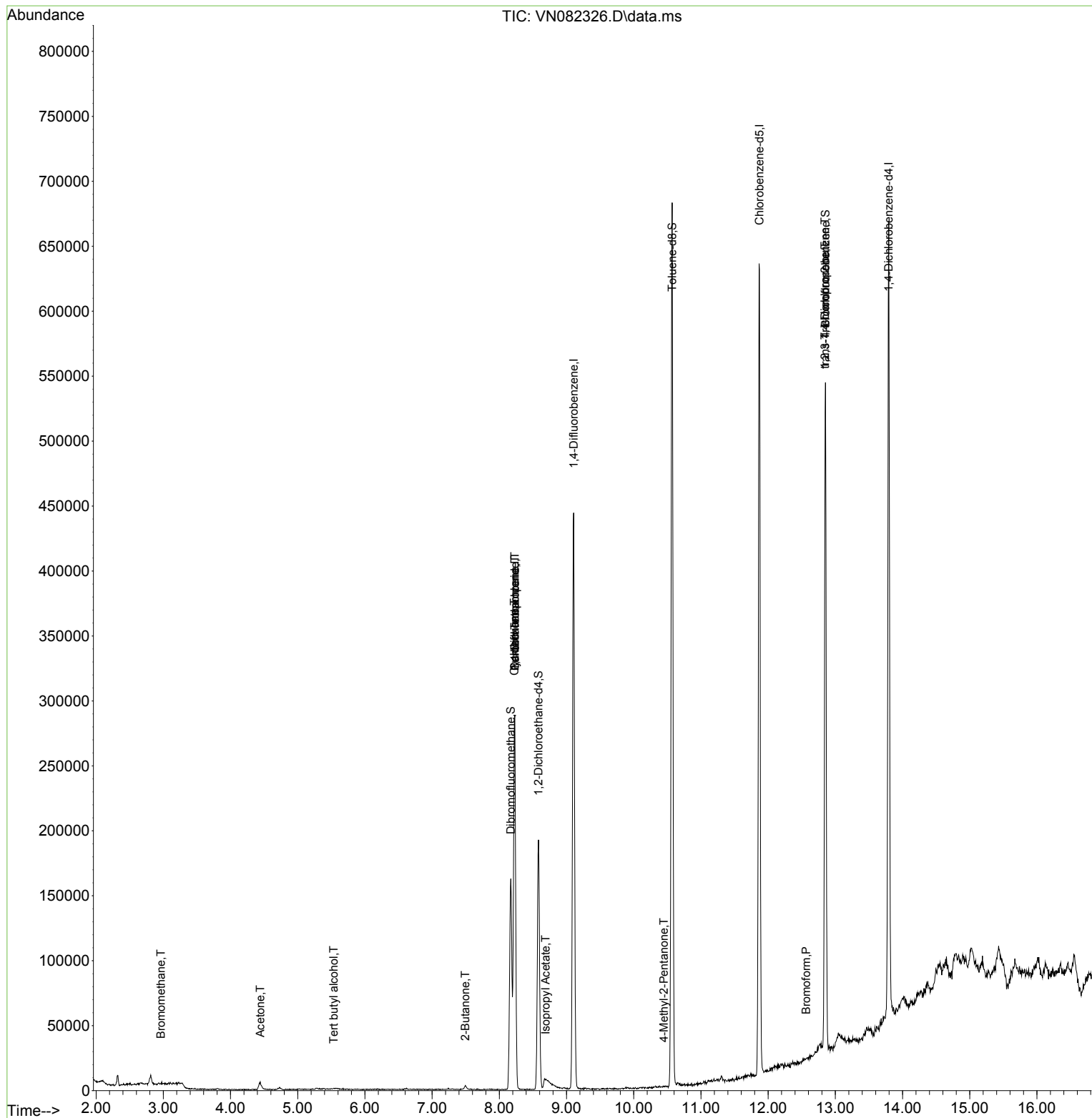
Internal Standards						
1) Pentafluorobenzene	8.230	168	202620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158593	49.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	8.171	113	112432	51.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.980%
50) Toluene-d8	10.571	98	444249	53.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.120%
62) 4-Bromofluorobenzene	12.853	95	168999	56.554	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	113.100%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	435	0.243	ug/l #	62
11) Tert butyl alcohol	5.536	59	337	0.656	ug/l #	71
16) Acetone	4.442	43	10818	8.243	ug/l #	85
25) 2-Butanone	7.494	43	4784	2.404	ug/l	91
31) Cyclohexane	8.224	56	6051	1.184	ug/l #	48
36) 1,1-Dichloropropene	8.230	75	18564	5.069	ug/l #	49
38) Carbon Tetrachloride	8.230	117	22381	6.028	ug/l #	15
43) Isopropyl Acetate	8.688	43	18728	2.579	ug/l #	52
51) 4-Methyl-2-Pentanone	10.447	43	829	0.201	ug/l #	34
71) Bromoform	12.565	173	246	0.825	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	99666	30.392	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	99666	71.086	ug/l #	12

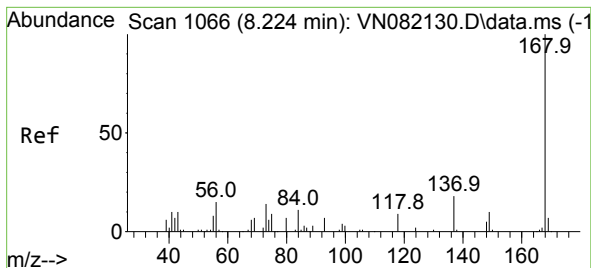
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

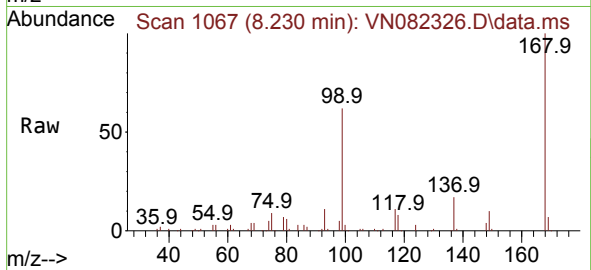
Lab File: VN082326.D

Acq: 23 May 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

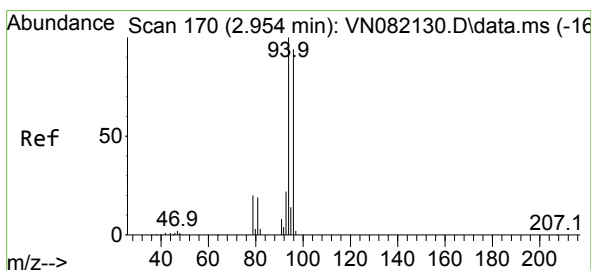
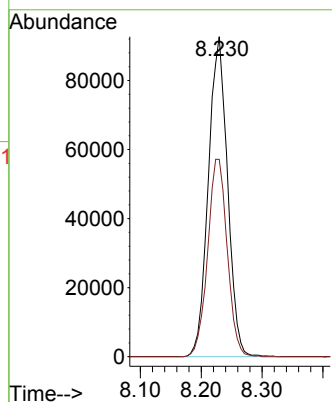
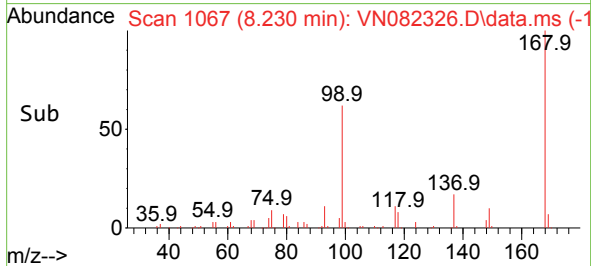


Tgt Ion:168 Resp: 202620

Ion Ratio Lower Upper

168 100

99 61.7 48.2 72.4



#5

Bromomethane

Concen: 0.243 ug/l

RT: 2.965 min Scan# 172

Delta R.T. 0.012 min

Lab File: VN082326.D

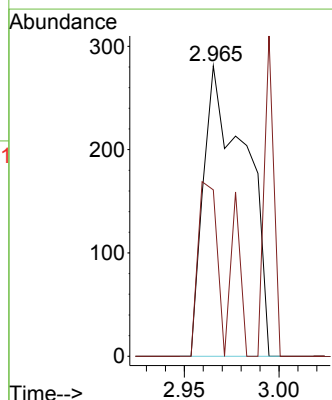
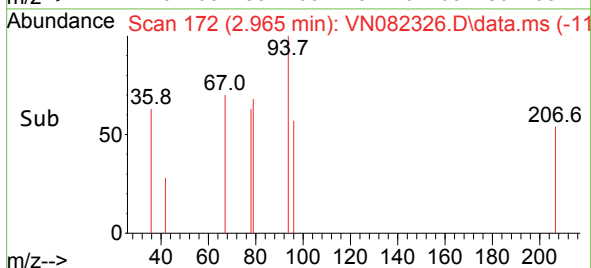
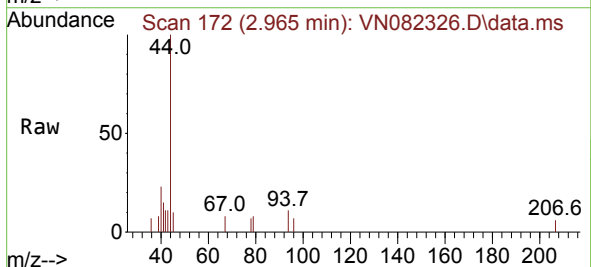
Acq: 23 May 2024 17:07

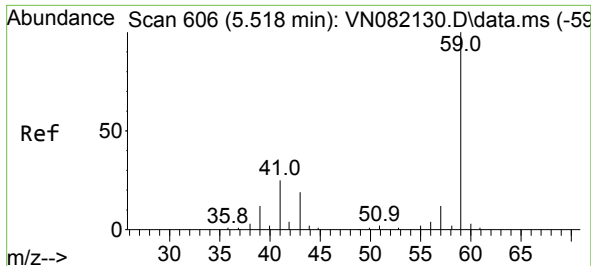
Tgt Ion: 94 Resp: 435

Ion Ratio Lower Upper

94 100

96 57.3 74.8 112.2#

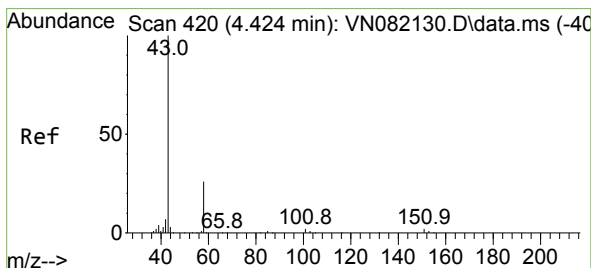
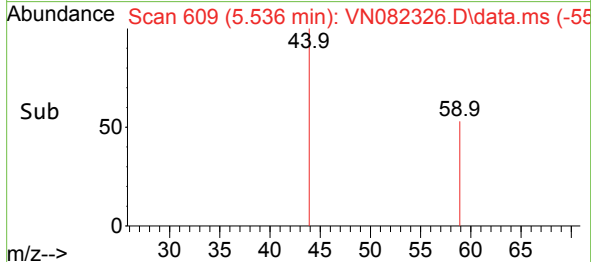
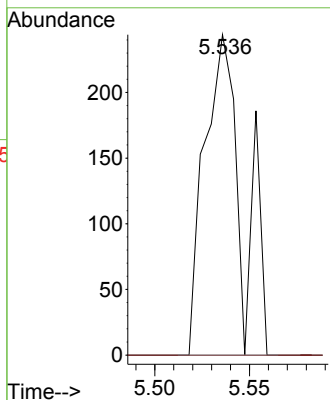
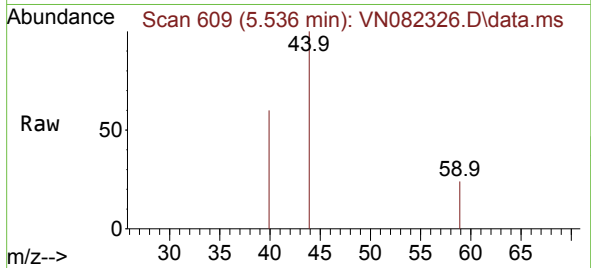




#11
Tert butyl alcohol
Concen: 0.656 ug/l
RT: 5.536 min Scan# 606
Delta R.T. 0.018 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

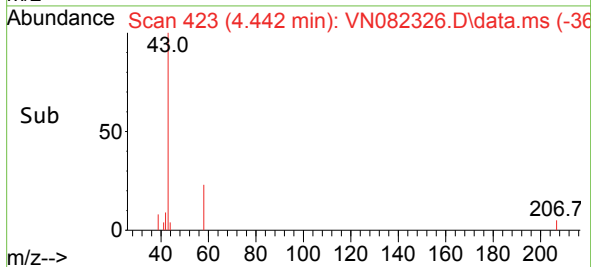
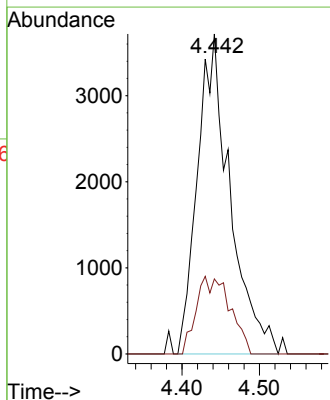
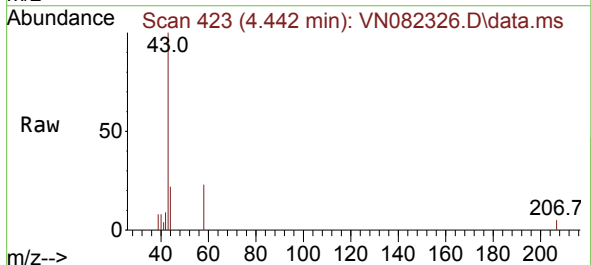
Instrument :
MSVOA_N
ClientSampleId :

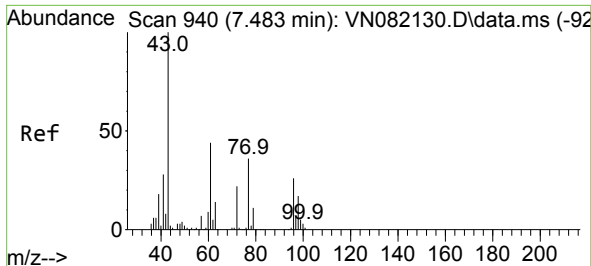
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 8.243 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Tgt Ion: 43 Resp: 10818
Ion Ratio Lower Upper
43 100
58 23.5 25.2 37.8#

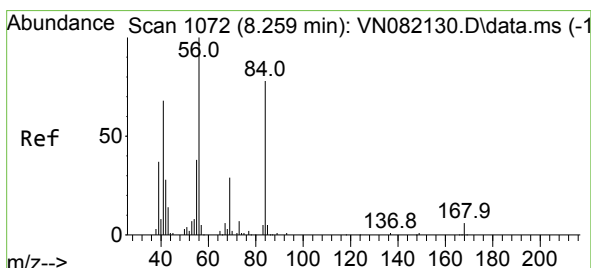
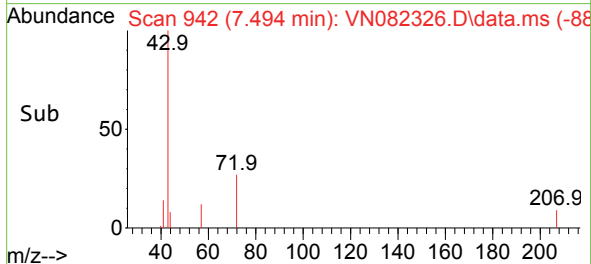
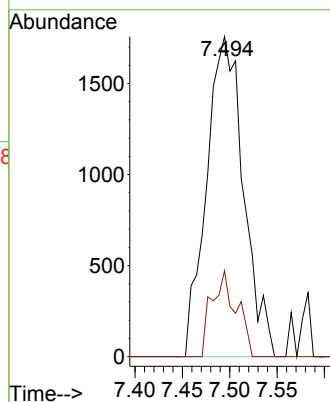
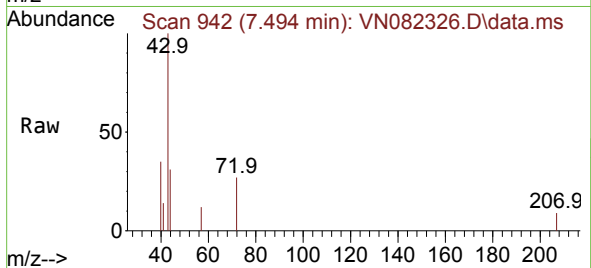




#25
2-Butanone
Concen: 2.404 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

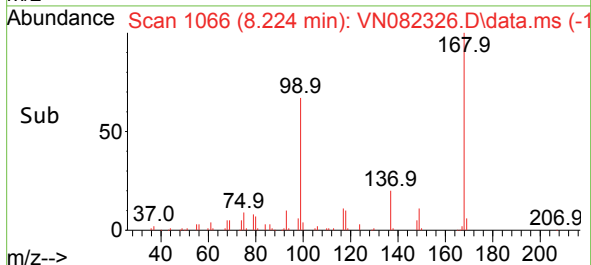
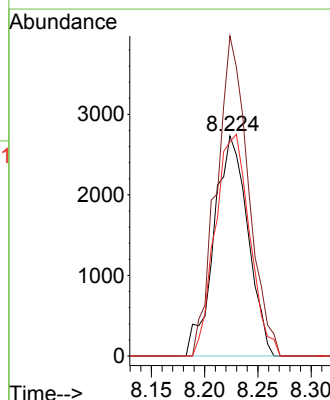
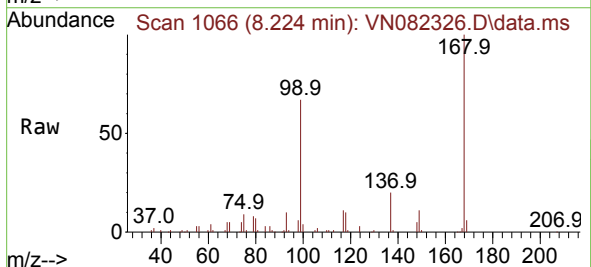
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4784
Ion Ratio Lower Upper
43 100
72 26.9 25.3 37.9



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Tgt Ion: 56 Resp: 6051
Ion Ratio Lower Upper
56 100
69 145.4 24.4 36.6#
84 97.3 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 49.569 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082326.D

Acq: 23 May 2024 17:07

Instrument :

MSVOA_N

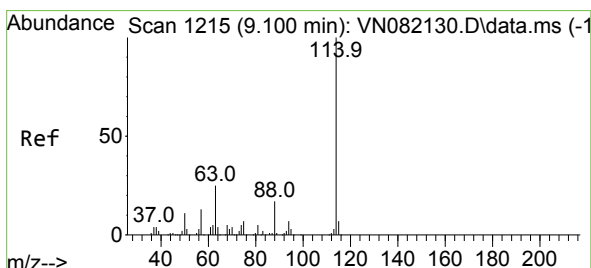
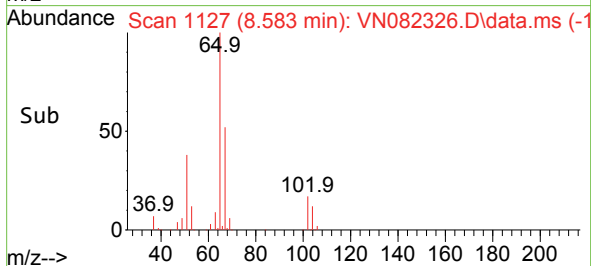
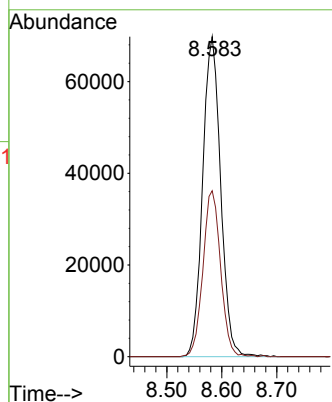
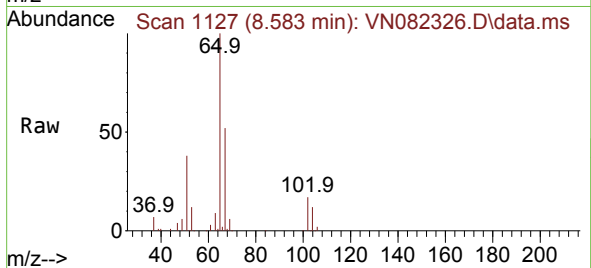
ClientSampleId :

Tgt Ion: 65 Resp: 158593

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082326.D

Acq: 23 May 2024 17:07

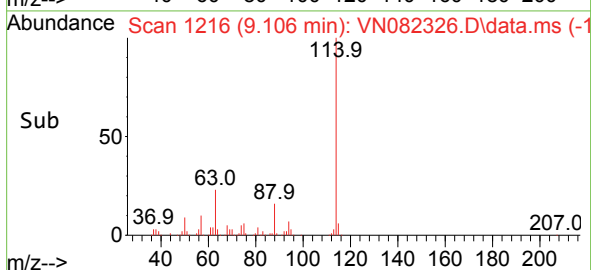
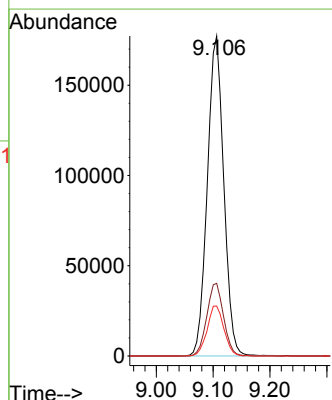
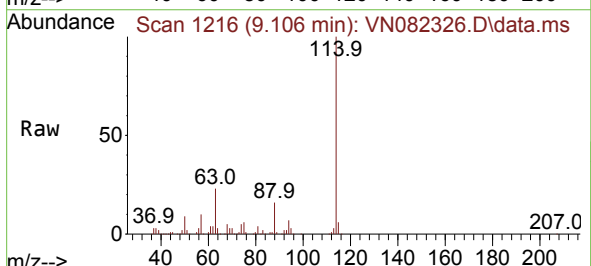
Tgt Ion: 114 Resp: 354992

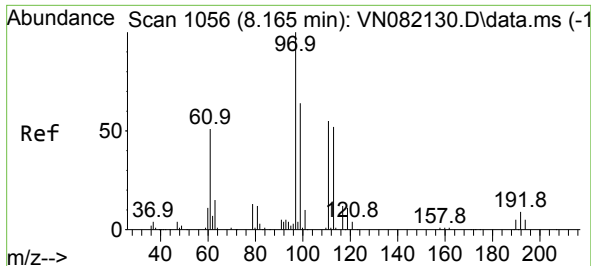
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.0

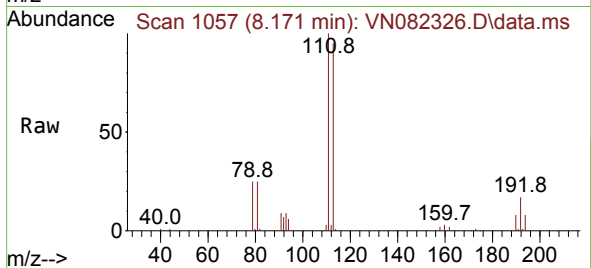
88 15.6 0.0 31.4



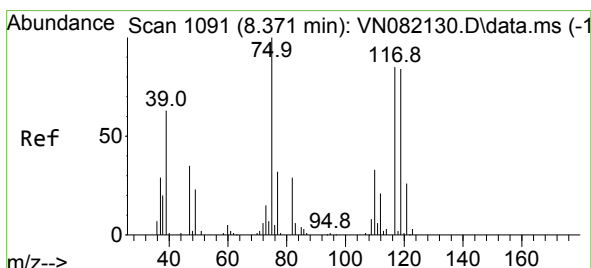
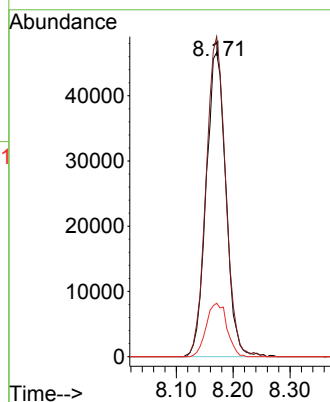
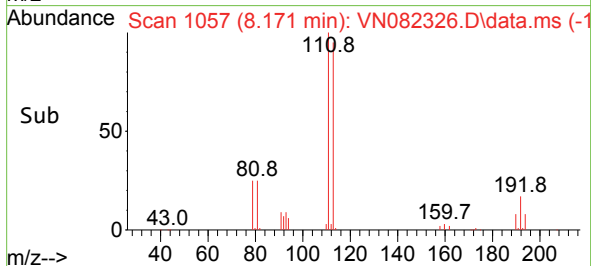


#35
Dibromofluoromethane
Concen: 51.486 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :

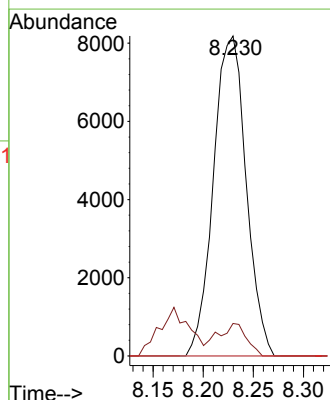
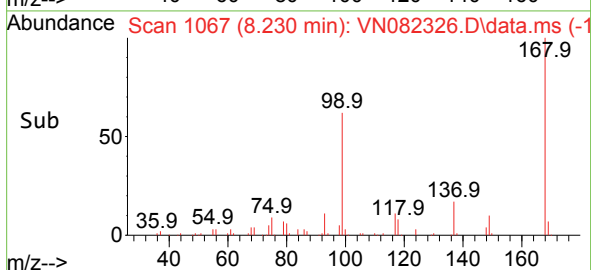
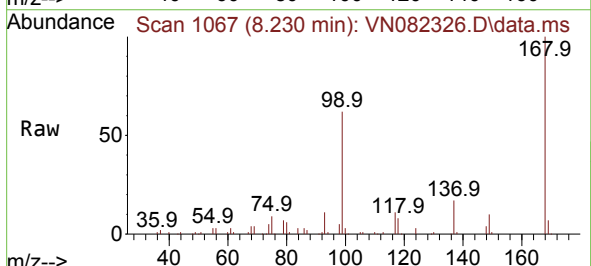


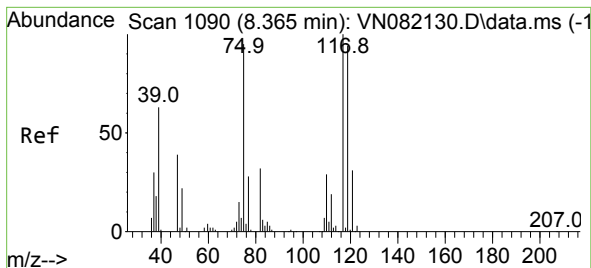
Tgt Ion:113 Resp: 112432
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Tgt Ion: 75 Resp: 18564
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.028 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

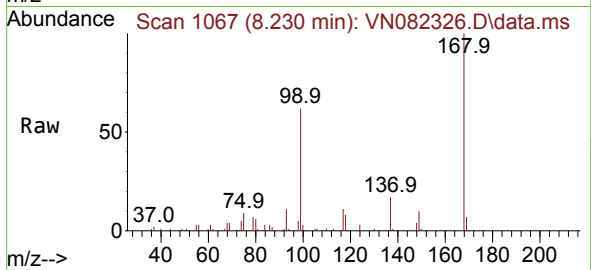
Lab File: VN082326.D

Acq: 23 May 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :



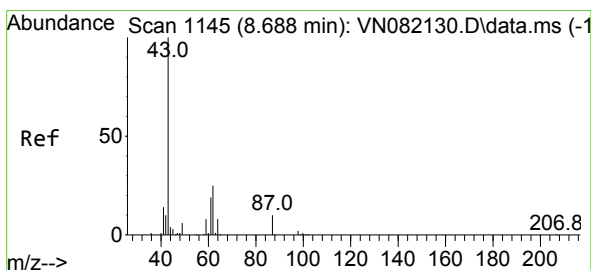
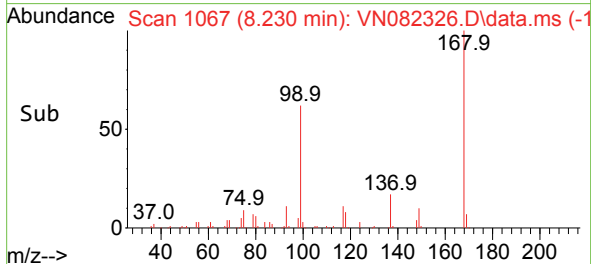
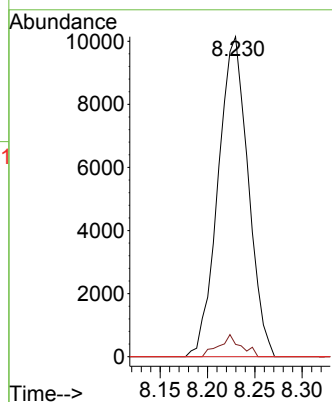
Tgt Ion:117 Resp: 22381

Ion Ratio Lower Upper

117 100

119 3.9 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 2.579 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082326.D

Acq: 23 May 2024 17:07

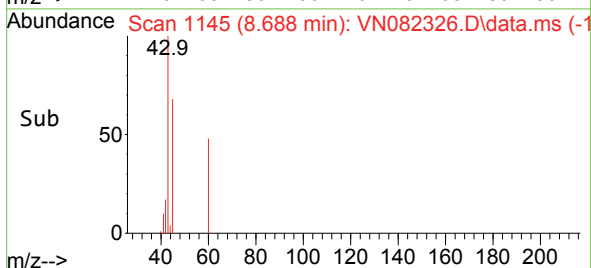
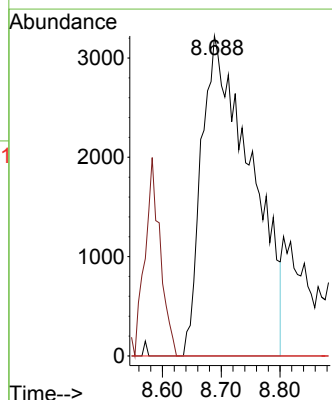
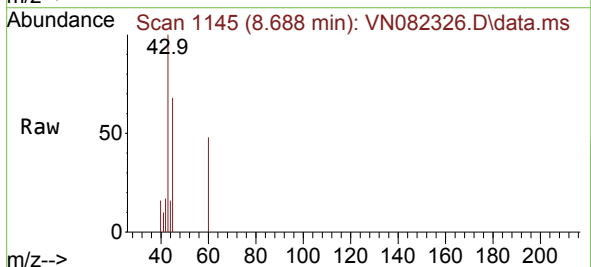
Tgt Ion: 43 Resp: 18728

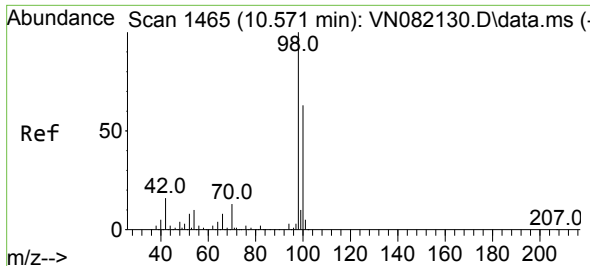
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

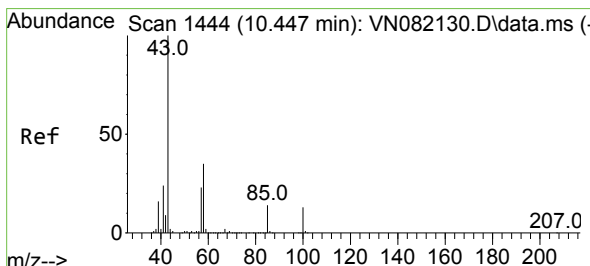
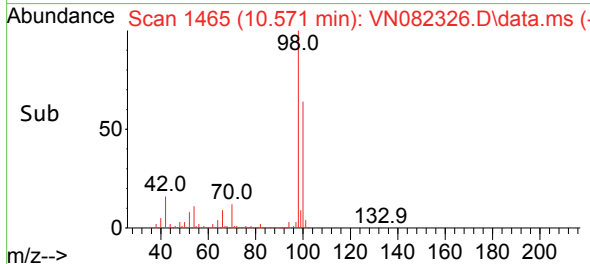
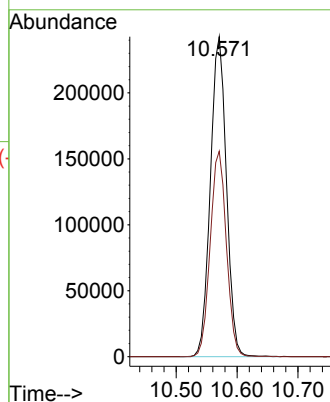
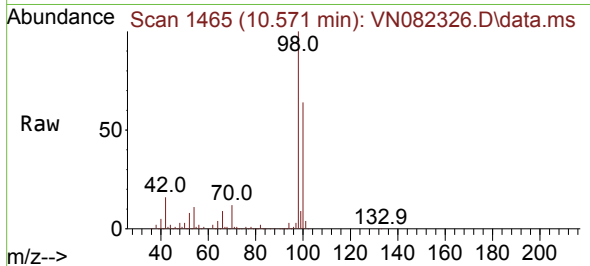




#50
Toluene-d8
Concen: 53.062 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

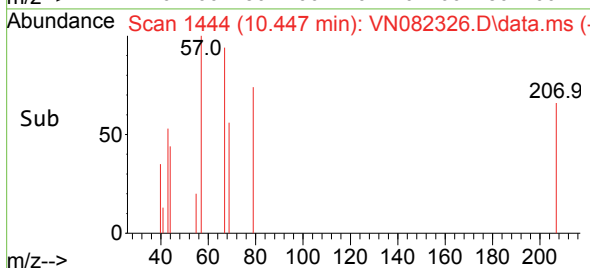
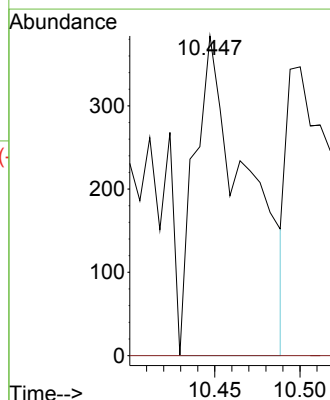
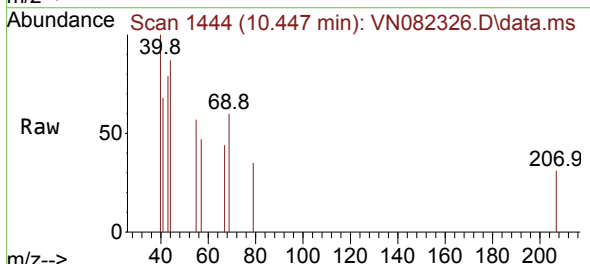
Instrument :
MSVOA_N
ClientSampleId :

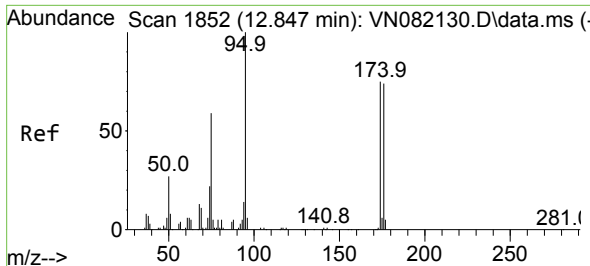
Tgt Ion: 98 Resp: 444249
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.201 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 0.0 33.2 49.8#

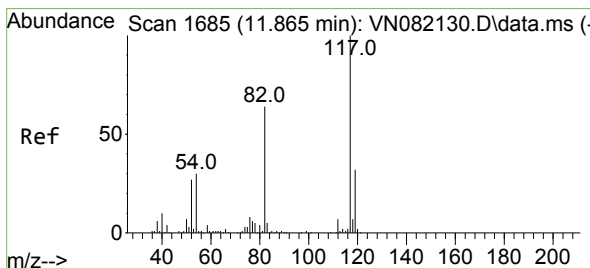
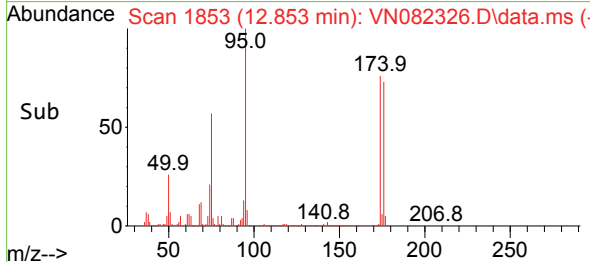
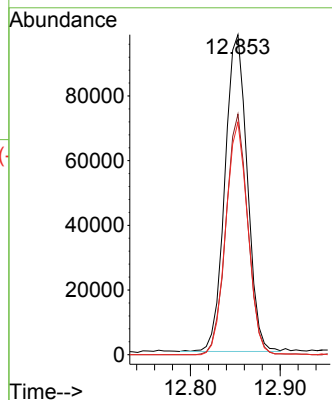
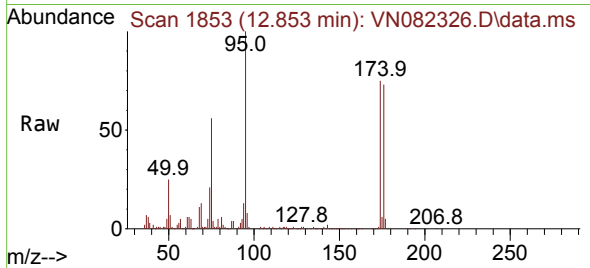




#62
4-Bromofluorobenzene
Concen: 56.554 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

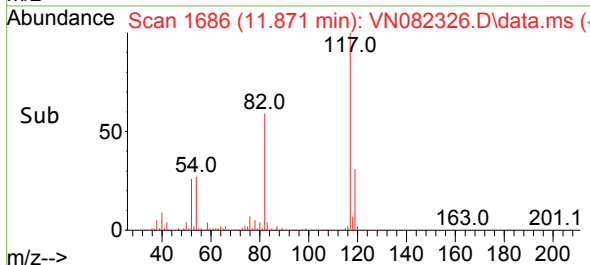
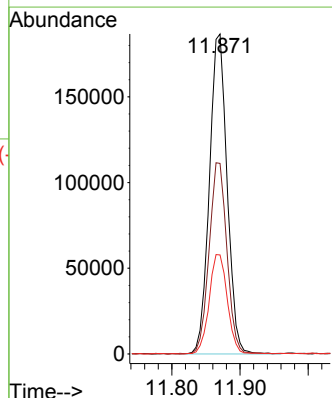
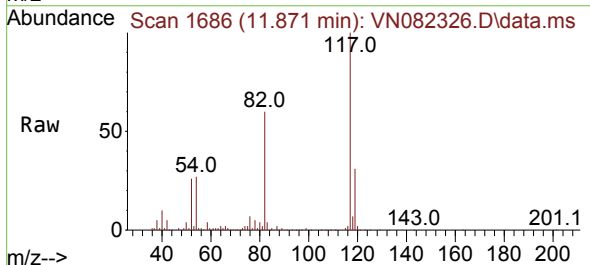
Instrument :
MSVOA_N
ClientSampleId :

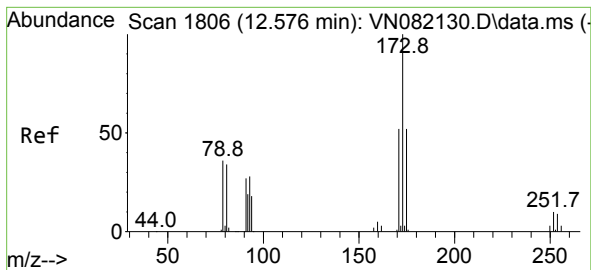
Tgt Ion: 95 Resp: 168999
Ion Ratio Lower Upper
95 100
174 74.0 0.0 160.6
176 72.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Tgt Ion: 117 Resp: 337493
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 31.0 25.9 38.9





#71

Bromoform

Concen: 0.825 ug/l

RT: 12.565 min Scan# 1804

Delta R.T. -0.011 min

Lab File: VN082326.D

Acq: 23 May 2024 17:07

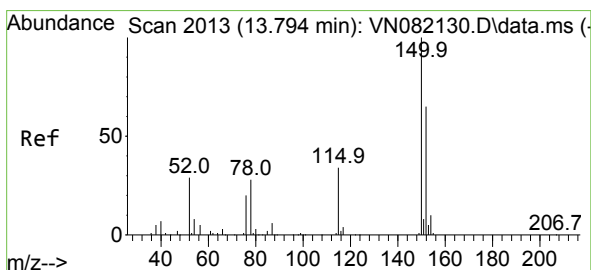
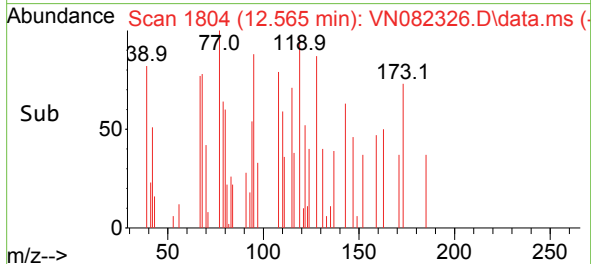
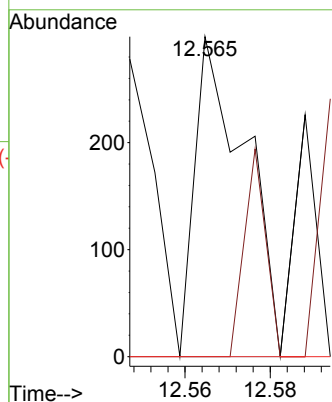
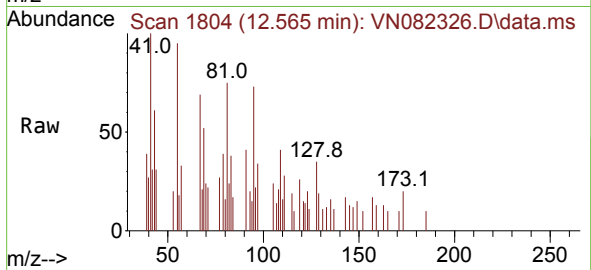
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 246

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

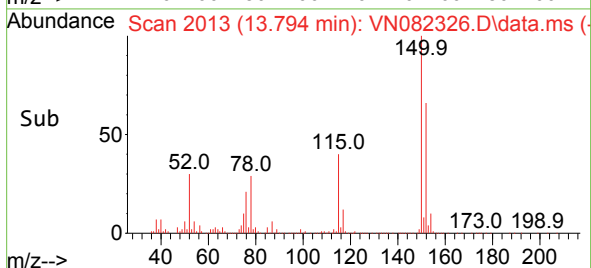
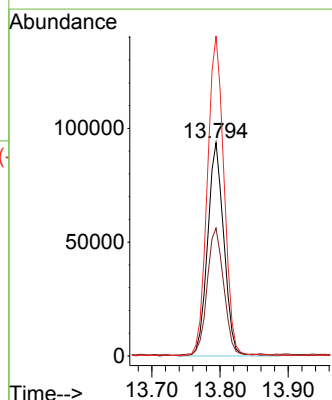
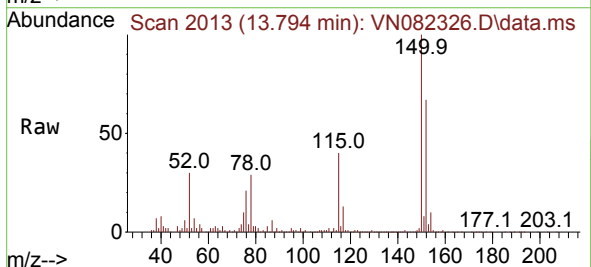
Delta R.T. 0.000 min

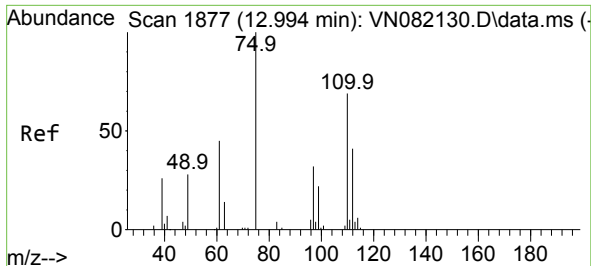
Lab File: VN082326.D

Acq: 23 May 2024 17:07

Tgt Ion:152 Resp: 155805

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.4	91.3
150	152.0	0.0	353.2

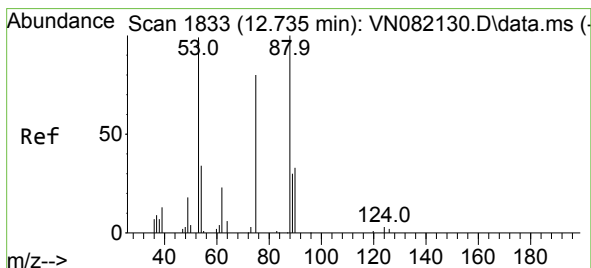
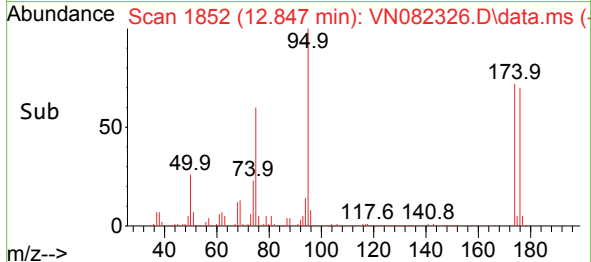
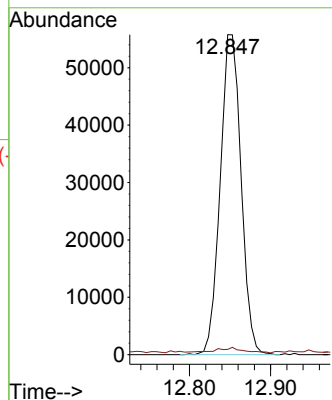
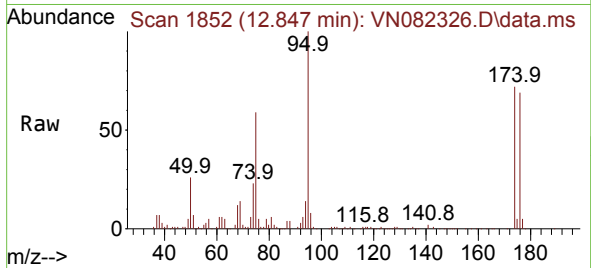




#76
1,2,3-Trichloropropane
Concen: 30.392 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 99666
Ion Ratio Lower Upper
75 100
77 2.1 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.086 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082326.D
Acq: 23 May 2024 17:07

Tgt Ion: 75 Resp: 99666
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

