

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082329.D
 Acq On : 23 May 2024 18:20
 Operator : JC\MD
 Sample : P2562-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:22:34 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	202198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	334997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	161683	50.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.280%
35) Dibromofluoromethane	8.171	113	113389	52.003	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	10.571	98	447847	53.572	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.140%
62) 4-Bromofluorobenzene	12.853	95	167244	56.051	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	112.100%

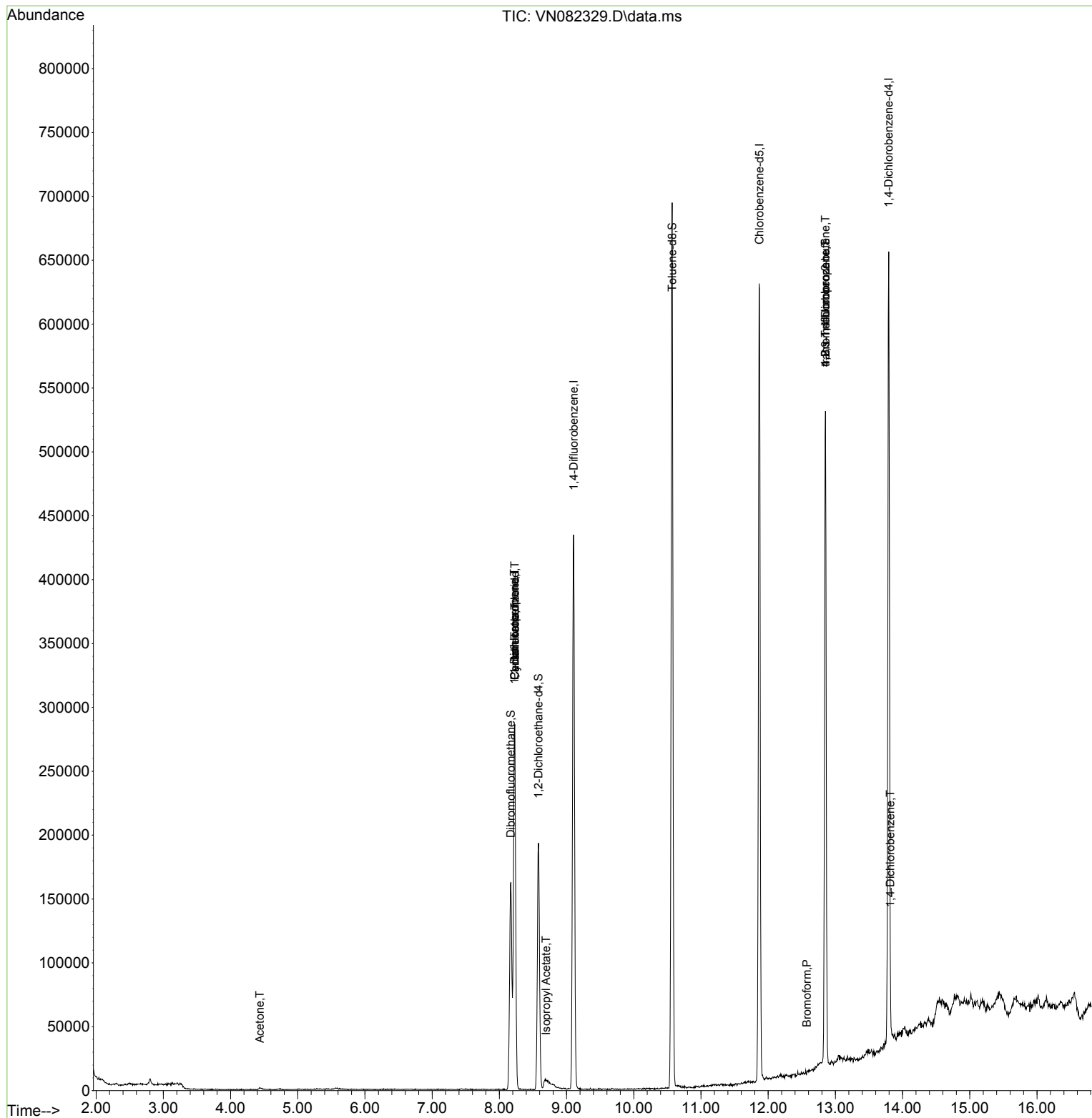
Target Compounds					Qvalue	
16) Acetone	4.436	43	3068	2.342	ug/l #	74
31) Cyclohexane	8.230	56	5505	1.080	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	18681	5.108	ug/l #	48
38) Carbon Tetrachloride	8.230	117	22629	6.104	ug/l #	15
43) Isopropyl Acetate	8.694	43	6468	0.892	ug/l #	52
71) Bromoform	12.576	173	61	0.732	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	99668	30.569	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	99668	71.501	ug/l #	13
88) 1,4-Dichlorobenzene	13.817	146	1134	0.209	ug/l #	26

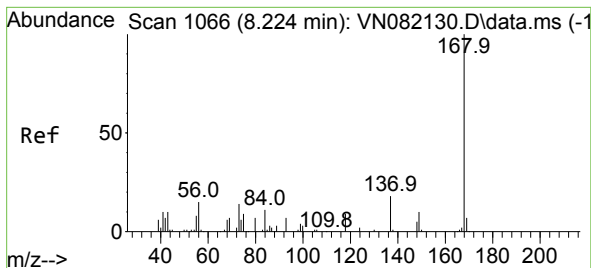
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
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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# 1

Delta R.T. 0.006 min

Lab File: VN082329.D

Acq: 23 May 2024 18:20

Instrument :

MSVOA_N

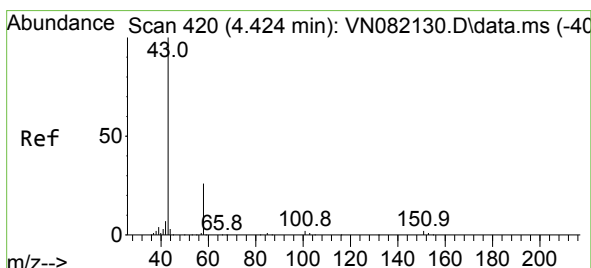
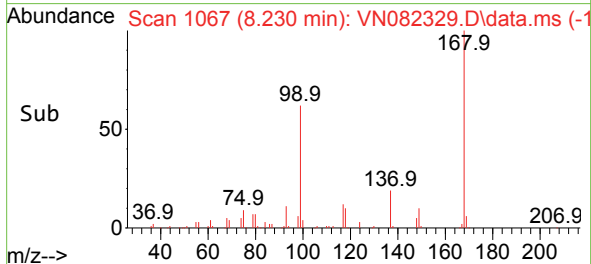
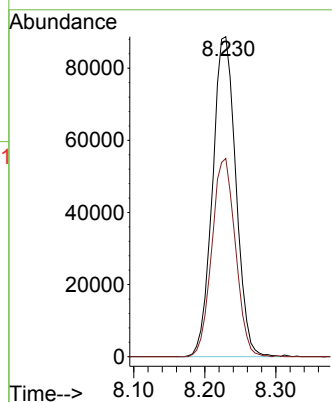
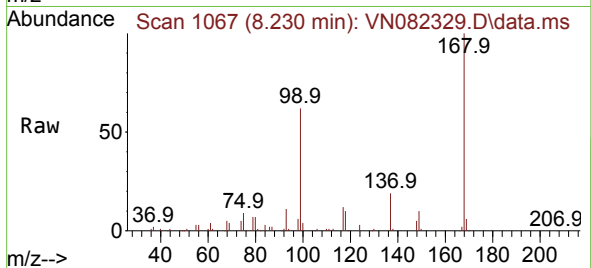
ClientSampleId :

Tgt Ion:168 Resp: 202198

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



#16

Acetone

Concen: 2.342 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN082329.D

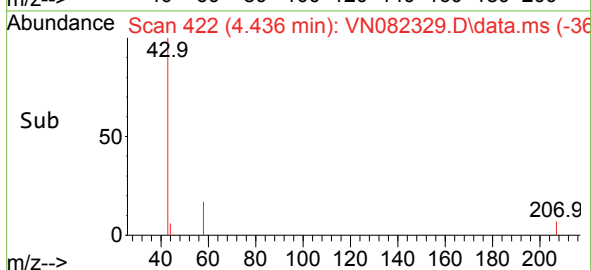
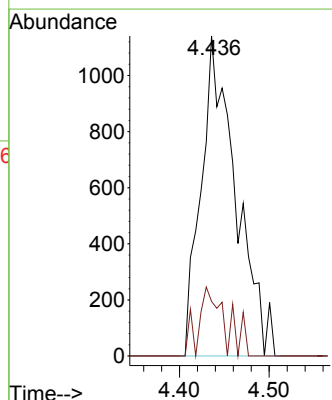
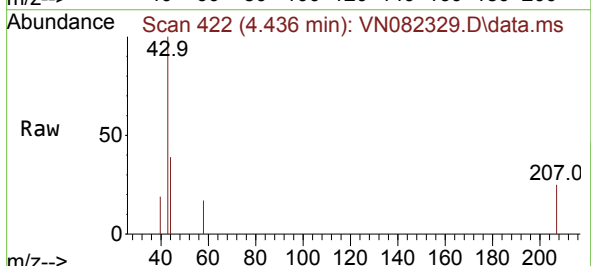
Acq: 23 May 2024 18:20

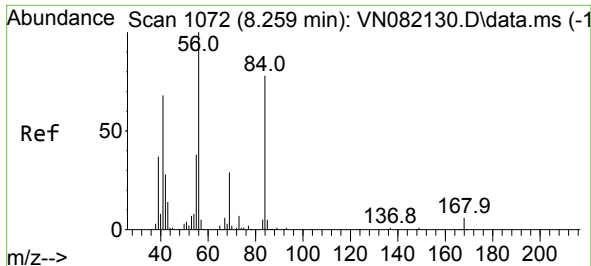
Tgt Ion: 43 Resp: 3068

Ion Ratio Lower Upper

43 100

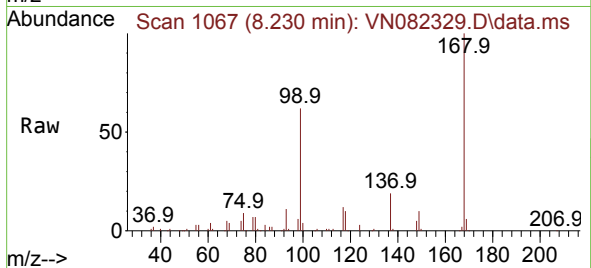
58 17.1 25.2 37.8#



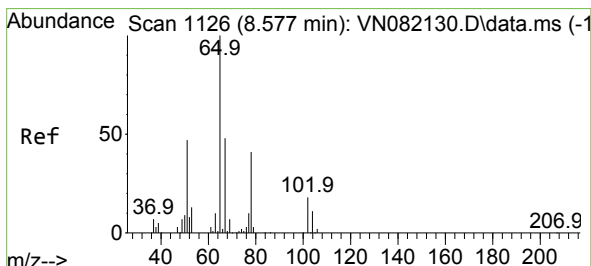
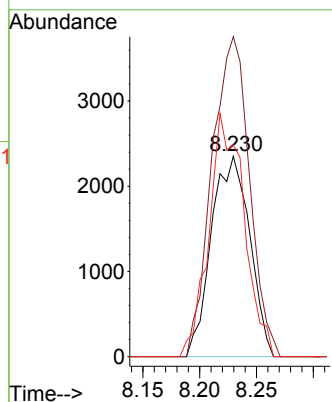
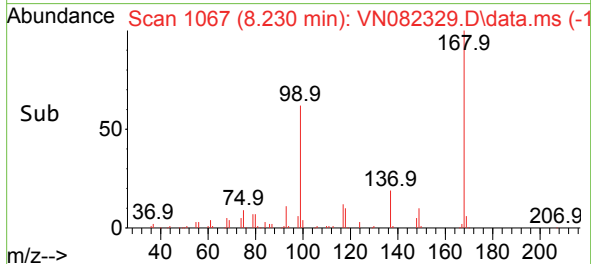


#31
Cyclohexane
Concen: 1.080 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :

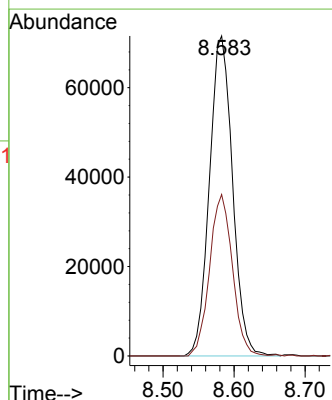
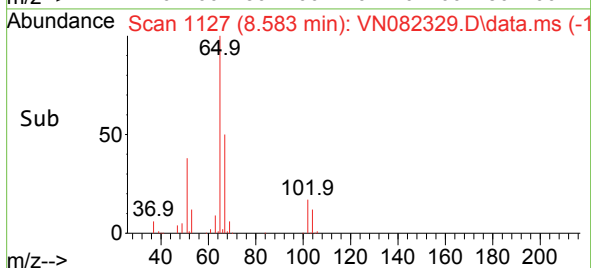
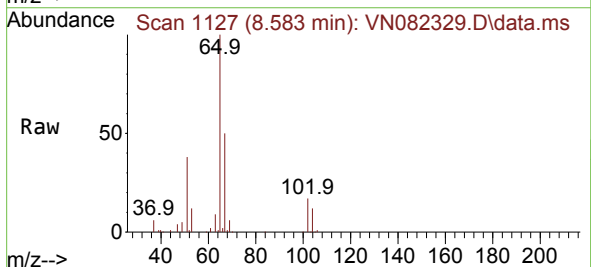


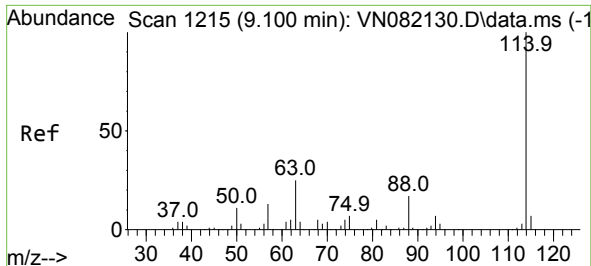
Tgt Ion: 56 Resp: 5505
Ion Ratio Lower Upper
56 100
69 159.6 24.4 36.6#
84 105.6 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 50.641 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

Tgt Ion: 65 Resp: 161683
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.0

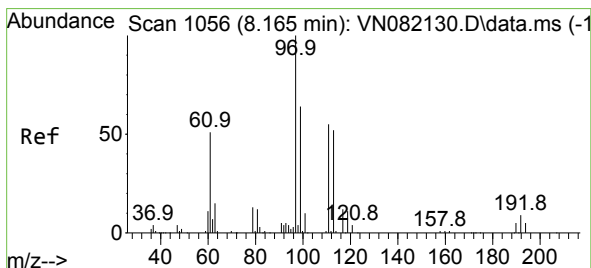
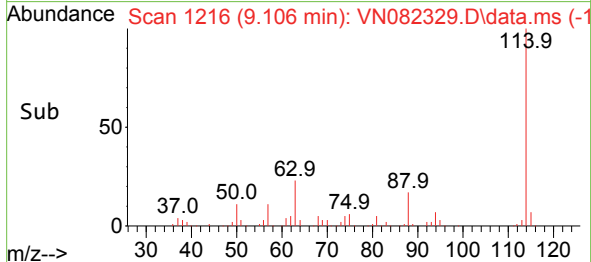
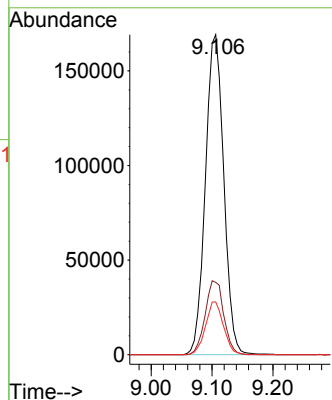
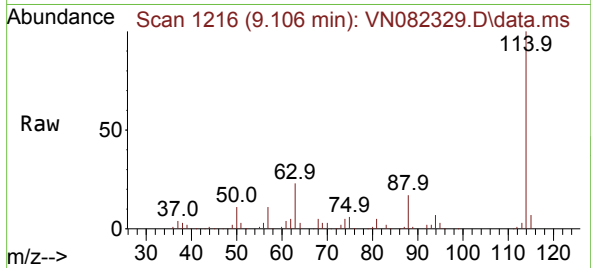




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

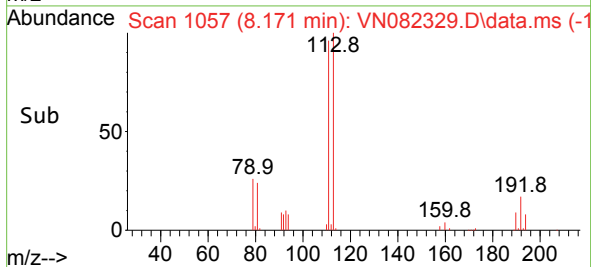
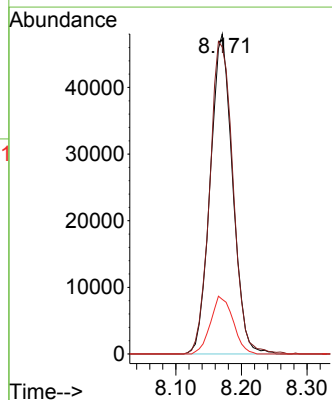
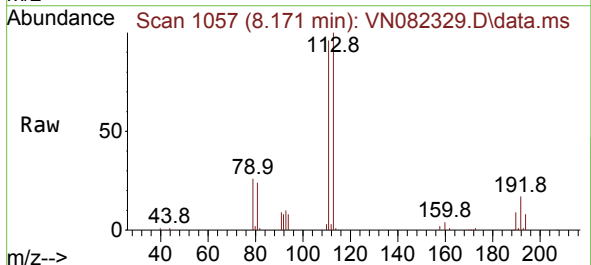
Instrument :
MSVOA_N
ClientSampleId :

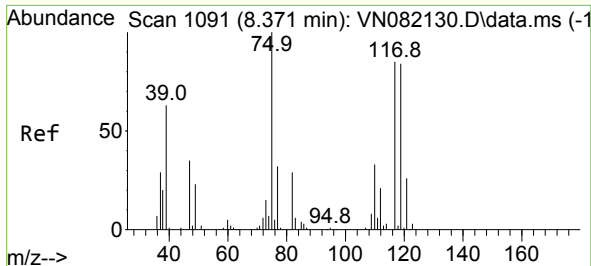
Tgt Ion:114 Resp: 354455
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.0
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.003 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

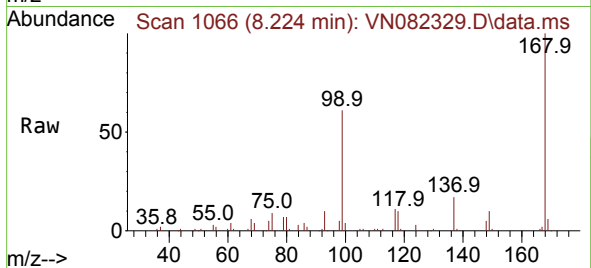
Tgt Ion:113 Resp: 113389
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 18.2 14.0 21.0



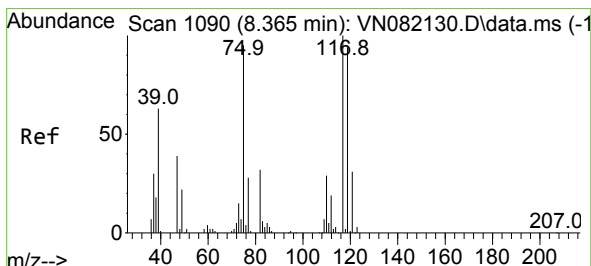
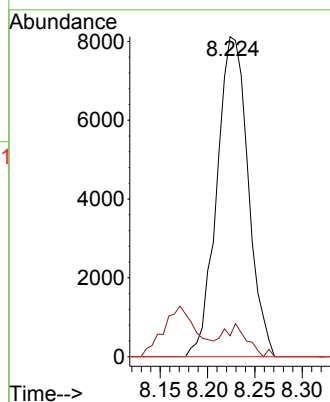
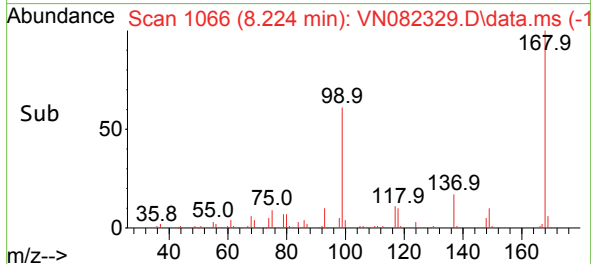


#36
 1,1-Dichloropropene
 Concen: 5.108 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082329.D
 Acq: 23 May 2024 18:20

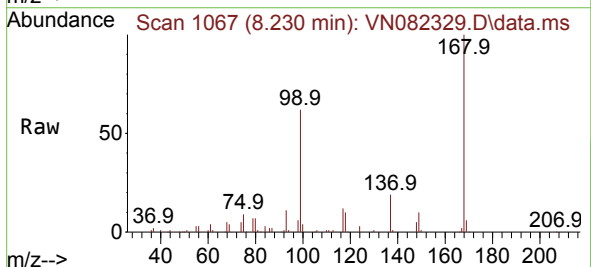
Instrument :
 MSVOA_N
 ClientSampleId :



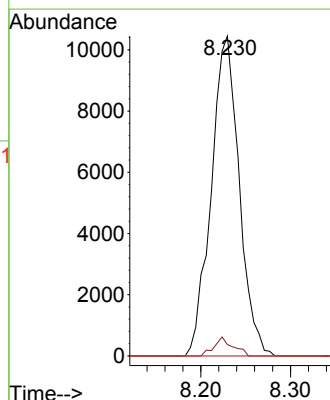
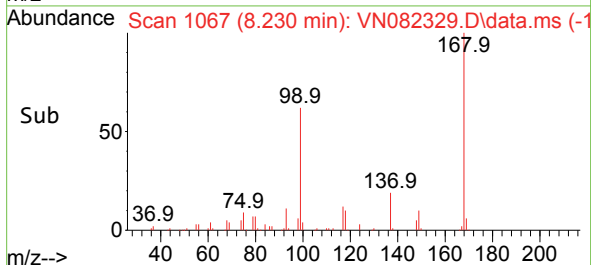
Tgt Ion: 75 Resp: 18681
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.8 53.5#
 77 0.0 25.0 37.4#

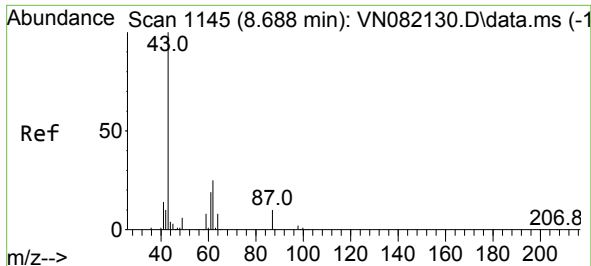


#38
 Carbon Tetrachloride
 Concen: 6.104 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.135 min
 Lab File: VN082329.D
 Acq: 23 May 2024 18:20



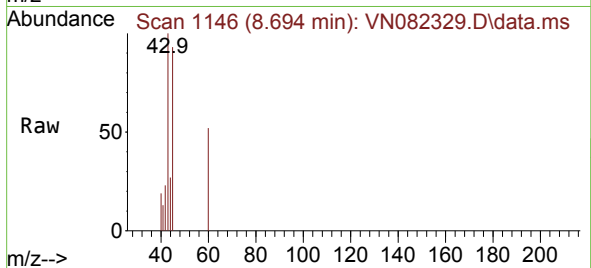
Tgt Ion: 117 Resp: 22629
 Ion Ratio Lower Upper
 117 100
 119 3.5 76.5 114.7#
 121 0.0 23.9 35.9#



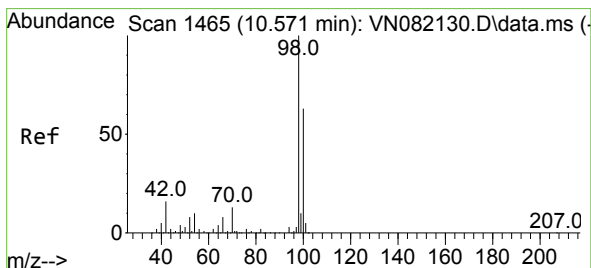
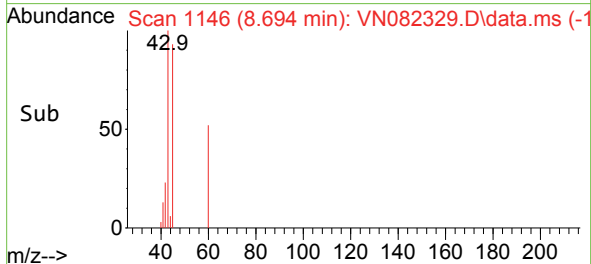
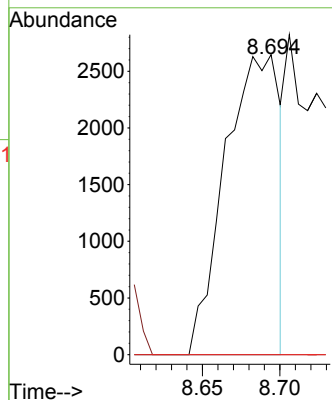


#43
Isopropyl Acetate
Concen: 0.892 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :

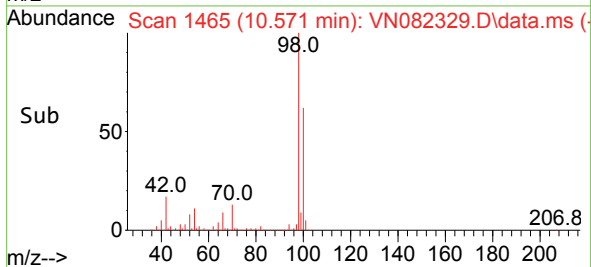
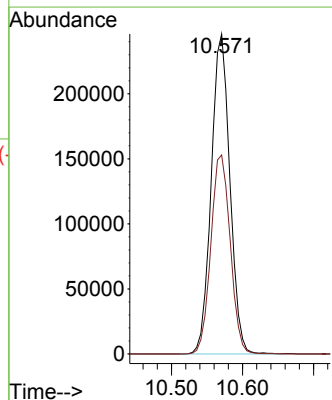
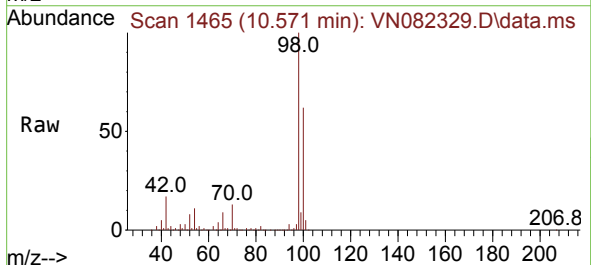


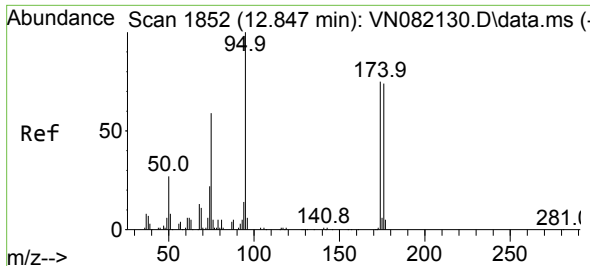
Tgt Ion: 43 Resp: 6468
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.572 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

Tgt Ion: 98 Resp: 447847
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

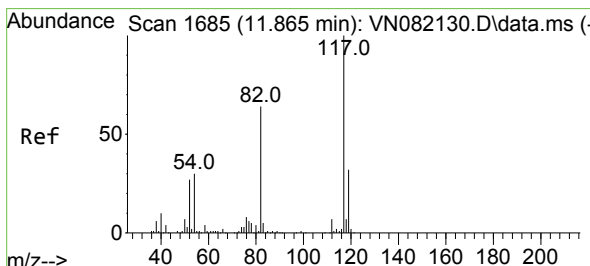
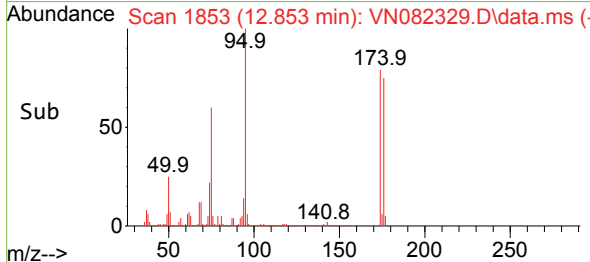
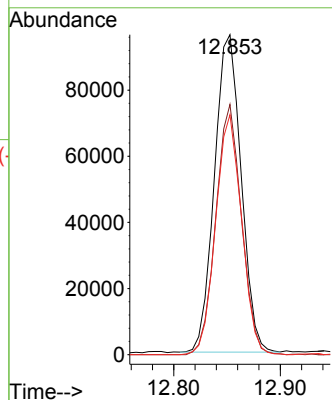
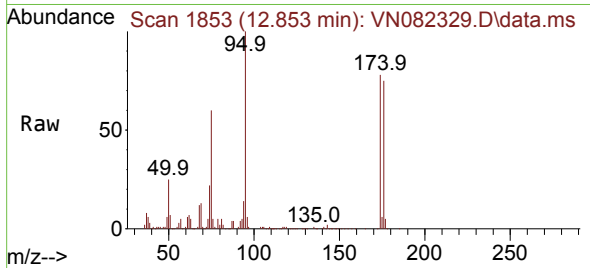




#62
4-Bromofluorobenzene
Concen: 56.051 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

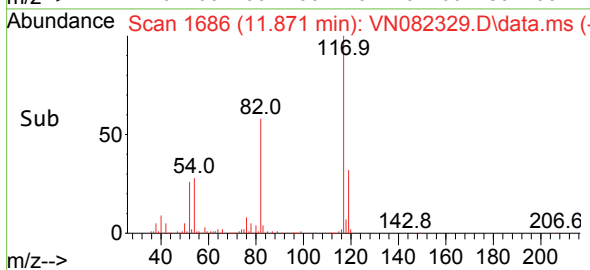
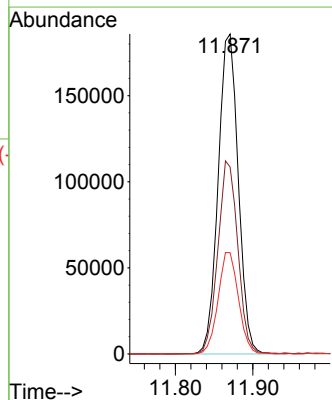
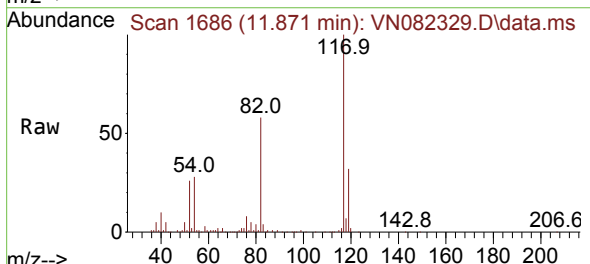
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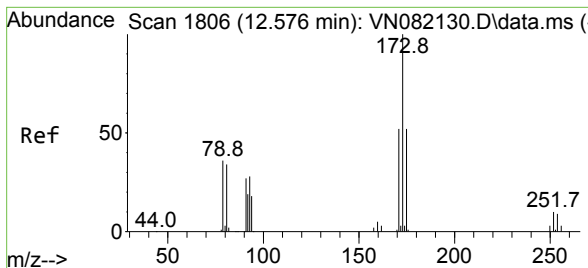
Tgt Ion: 95 Resp: 167244
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 73.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

Tgt Ion: 117 Resp: 334997
Ion Ratio Lower Upper
117 100
82 58.3 44.6 66.8
119 31.6 25.9 38.9





#71

Bromoform

Concen: 0.732 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

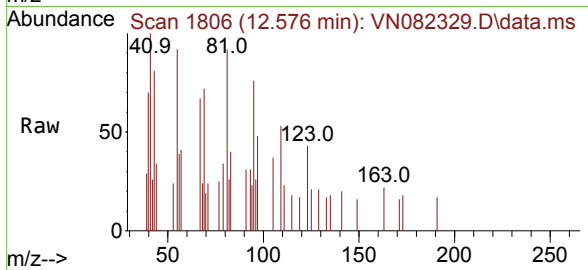
Lab File: VN082329.D

Acq: 23 May 2024 18:20

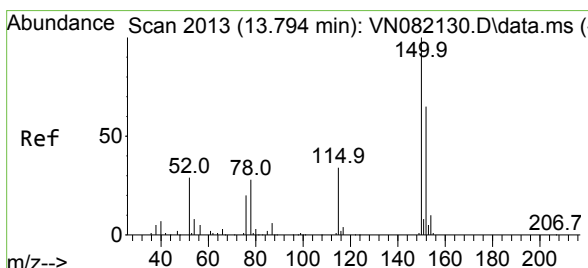
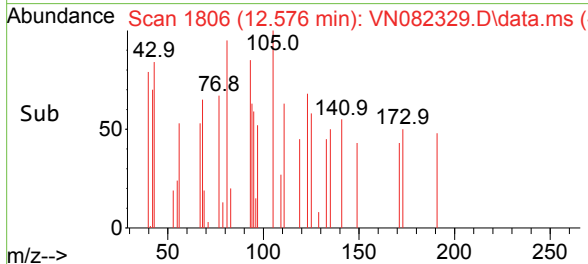
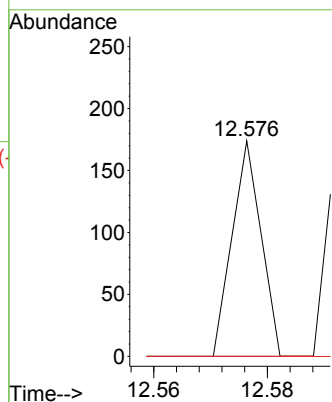
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	61
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

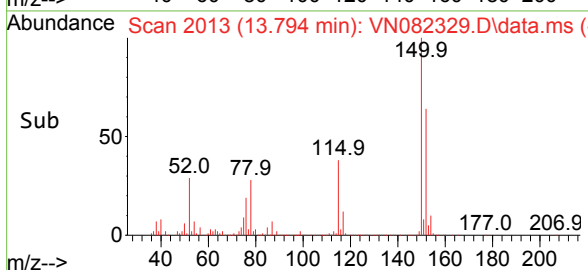
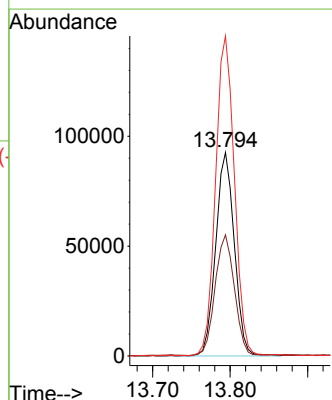
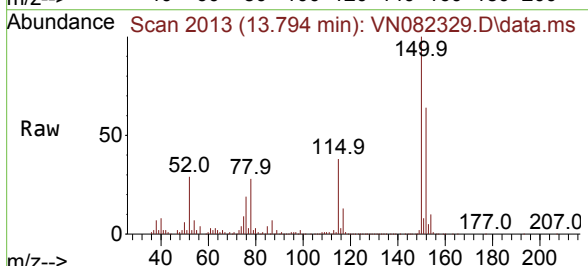
RT: 13.794 min Scan# 2013

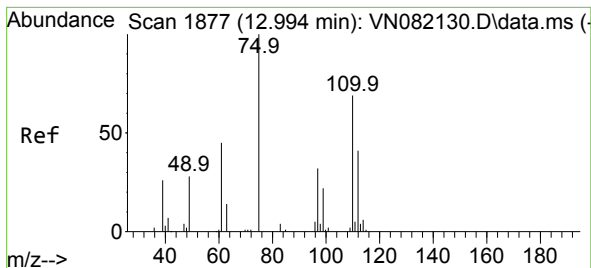
Delta R.T. -0.000 min

Lab File: VN082329.D

Acq: 23 May 2024 18:20

Tgt Ion:	152	Resp:	154905
Ion Ratio	Lower	Upper	
152	100		
115	61.2	30.4	91.3
150	157.7	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 30.569 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

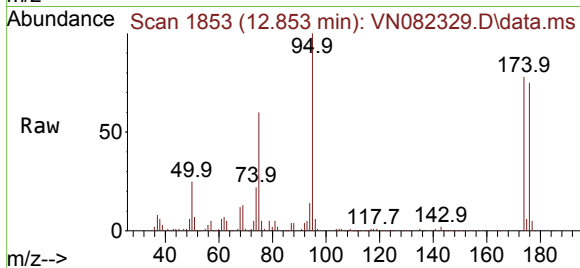
Lab File: VN082329.D

Acq: 23 May 2024 18:20

Instrument :

MSVOA_N

ClientSampleId :

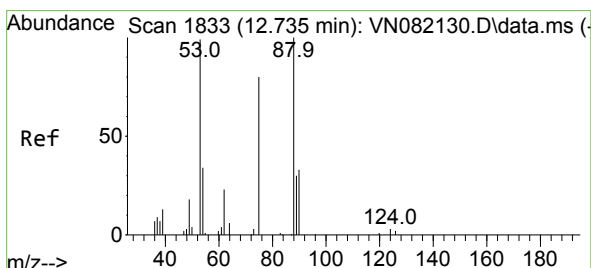
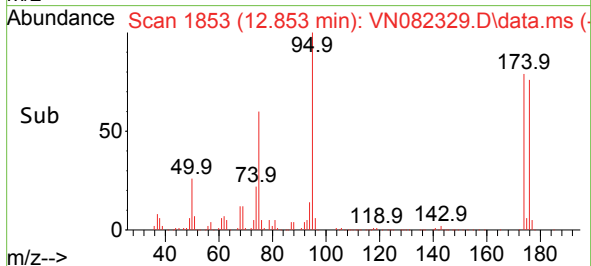
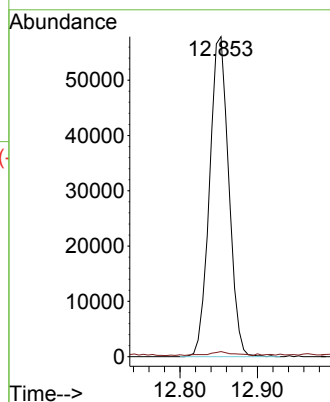


Tgt Ion: 75 Resp: 99668

Ion Ratio Lower Upper

75 100

77 1.9 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.501 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082329.D

Acq: 23 May 2024 18:20

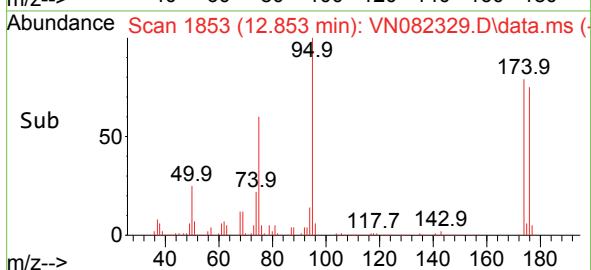
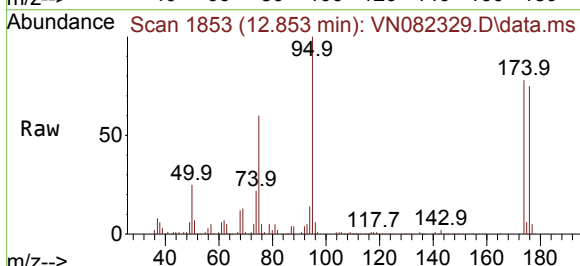
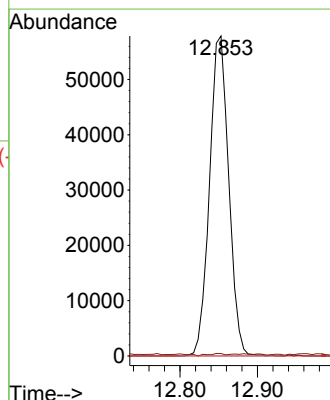
Tgt Ion: 75 Resp: 99668

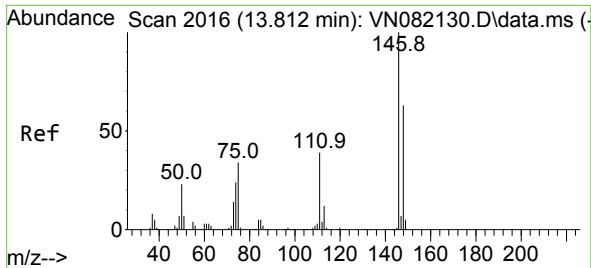
Ion Ratio Lower Upper

75 100

53 0.7 72.9 109.3#

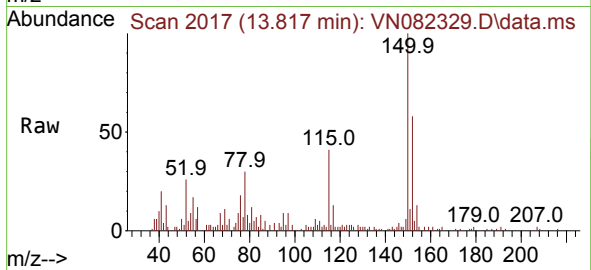
89 0.0 39.1 58.7#





#88
1,4-Dichlorobenzene
Concen: 0.209 ug/l
RT: 13.817 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN082329.D
Acq: 23 May 2024 18:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	0.0	31.3	93.9#

