

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082489.D
 Acq On : 07 Jun 2024 13:47
 Operator : JC\MD
 Sample : P2771-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 00:57:26 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)

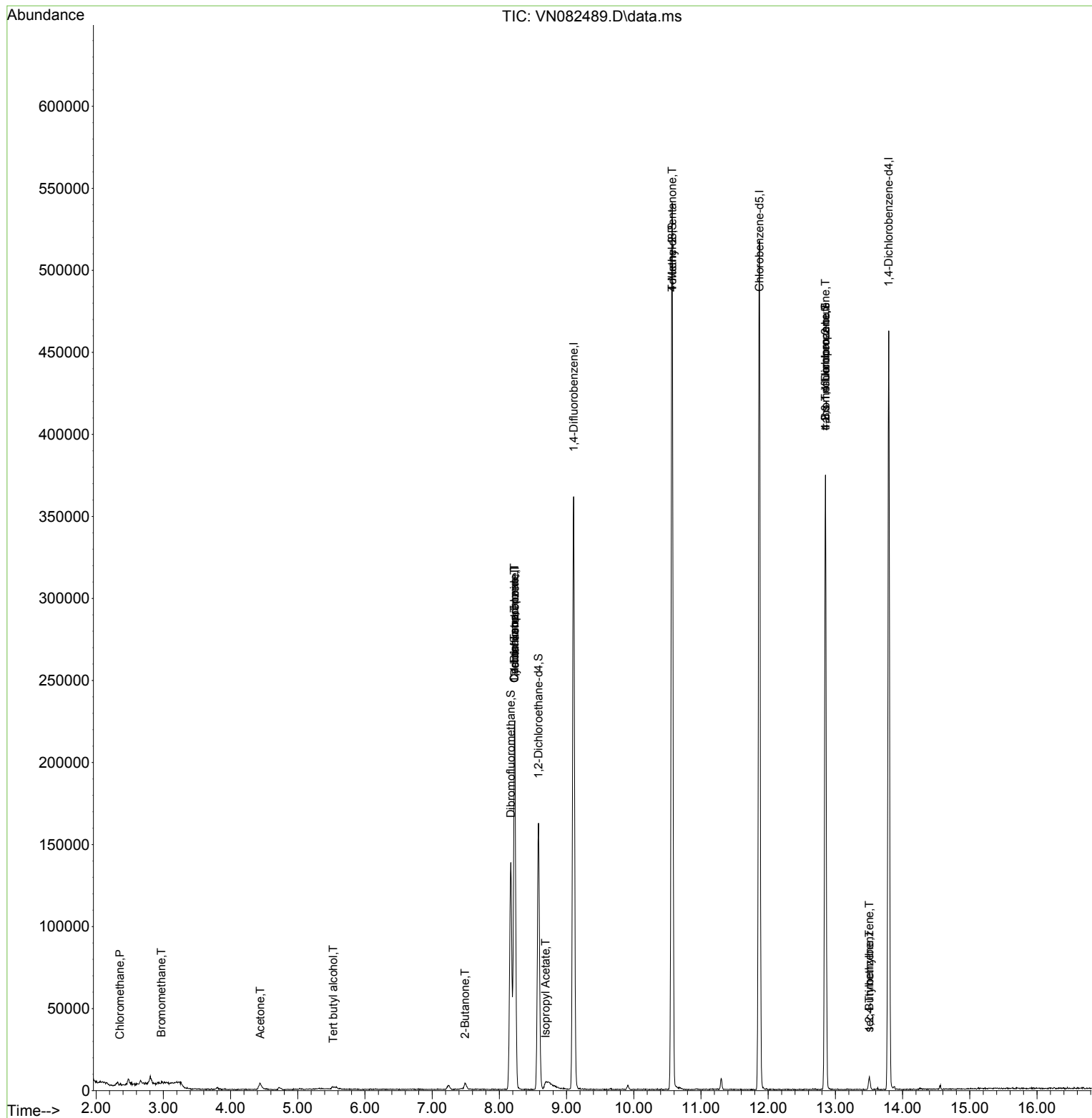
Internal Standards						
1) Pentafluorobenzene	8.230	168	155338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	278624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131244	53.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.020%	
35) Dibromofluoromethane	8.171	113	96815	54.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.360%	
50) Toluene-d8	10.571	98	354165	52.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.853	95	117733	48.588	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	1030	0.406	ug/l #	77
5) Bromomethane	2.971	94	454	0.331	ug/l #	62
11) Tert butyl alcohol	5.530	59	1190	3.022	ug/l #	71
16) Acetone	4.442	43	7709	7.662	ug/l	89
25) 2-Butanone	7.488	43	7164	4.696	ug/l #	79
31) Cyclohexane	8.224	56	4489	1.146	ug/l #	56
36) 1,1-Dichloropropene	8.224	75	14822	4.991	ug/l #	46
38) Carbon Tetrachloride	8.224	117	16288	5.410	ug/l #	16
43) Isopropyl Acetate	8.688	43	2504	0.425	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2107	0.630	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	69187	28.502	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69187	66.666	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.506	105	2812	0.371	ug/l #	31
85) sec-Butylbenzene	13.506	105	2812	0.313	ug/l #	56

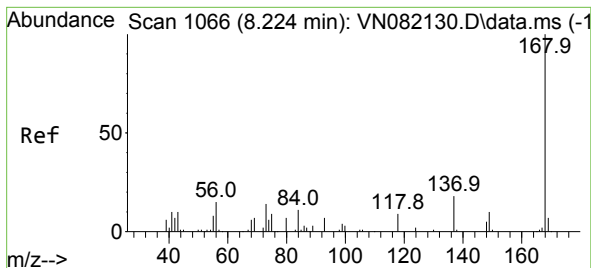
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

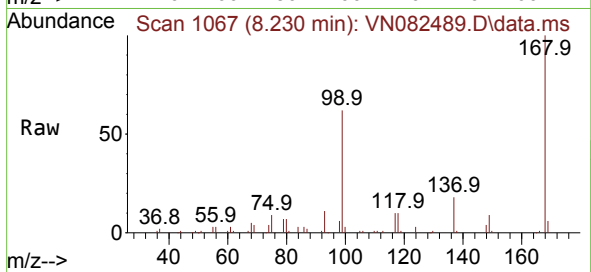
Lab File: VN082489.D

Acq: 07 Jun 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

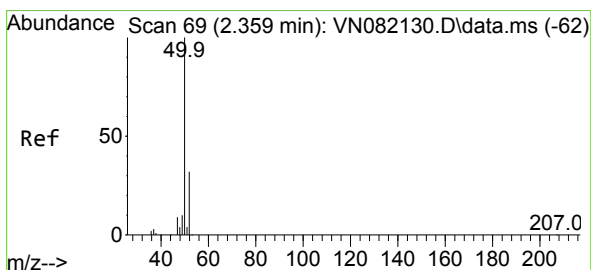
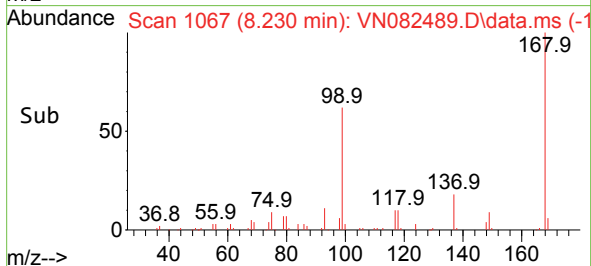
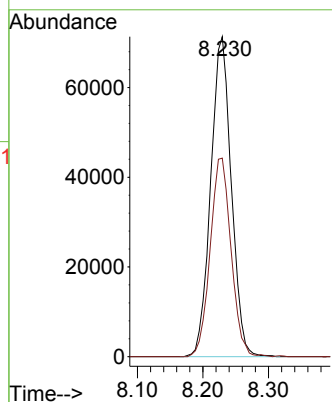


Tgt Ion:168 Resp: 155338

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



#3

Chloromethane

Concen: 0.406 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN082489.D

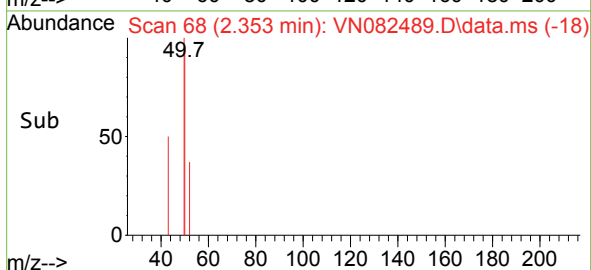
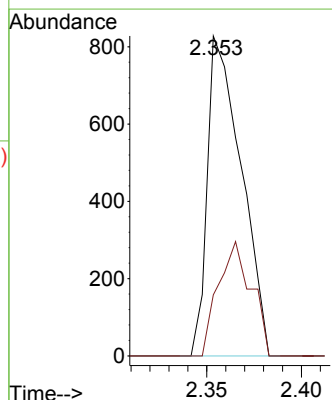
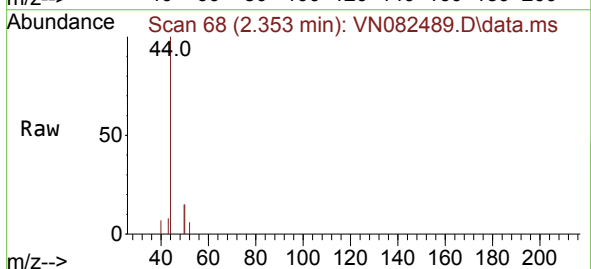
Acq: 07 Jun 2024 13:47

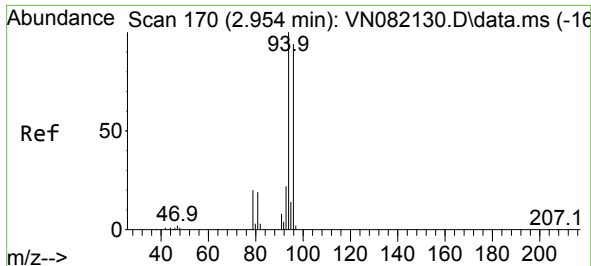
Tgt Ion: 50 Resp: 1030

Ion Ratio Lower Upper

50 100

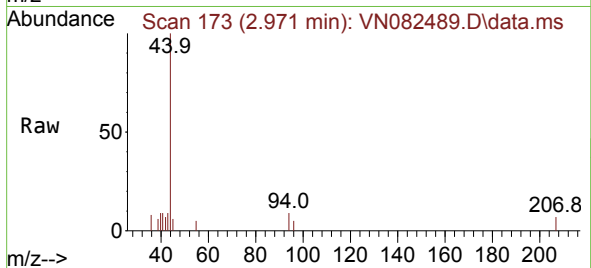
52 19.1 25.5 38.3#



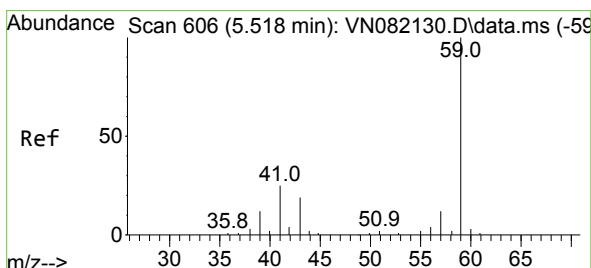
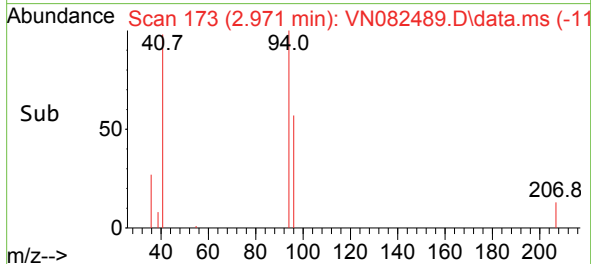
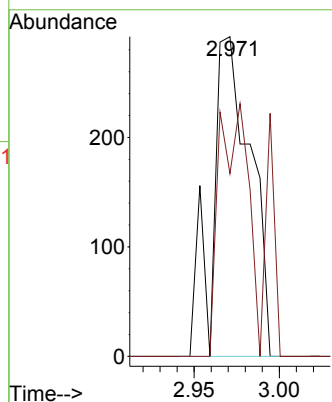


#5
Bromomethane
Concen: 0.331 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

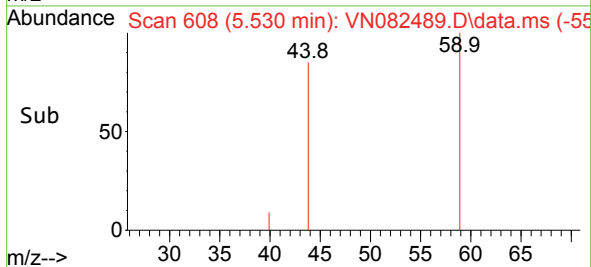
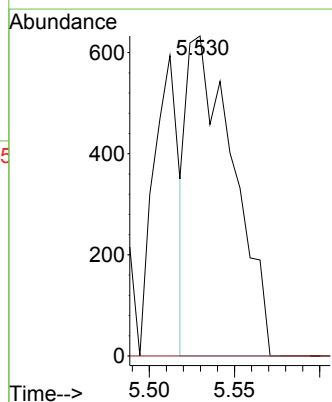
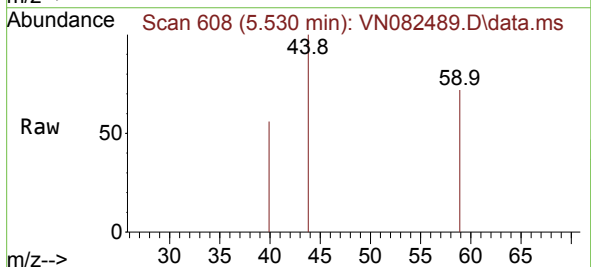


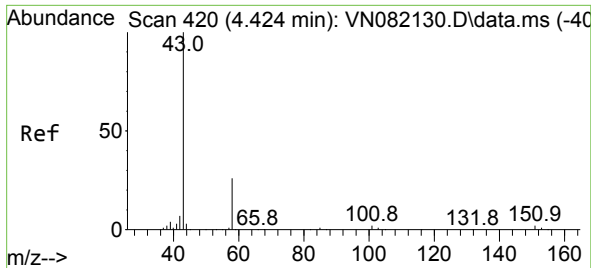
Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 57.2 74.8 112.2#



#11
Tert butyl alcohol
Concen: 3.022 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

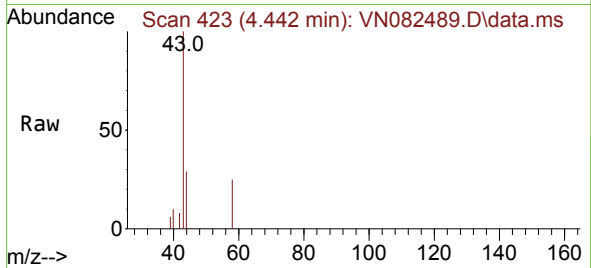
Tgt Ion: 59 Resp: 1190
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



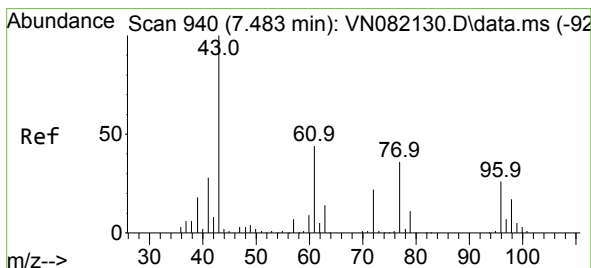
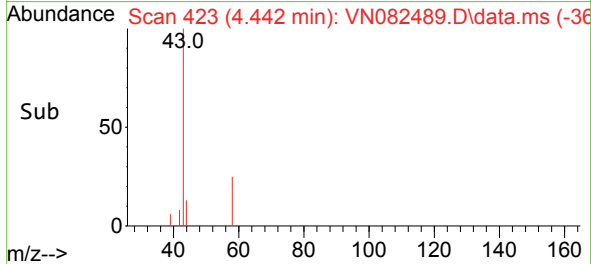
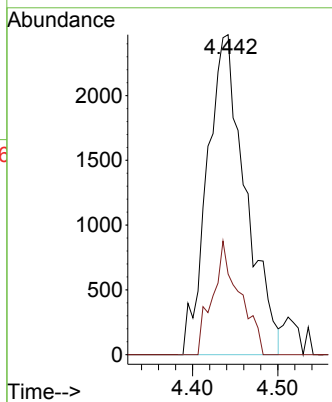


#16
Acetone
Concen: 7.662 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

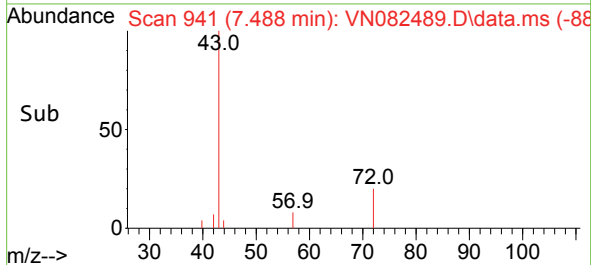
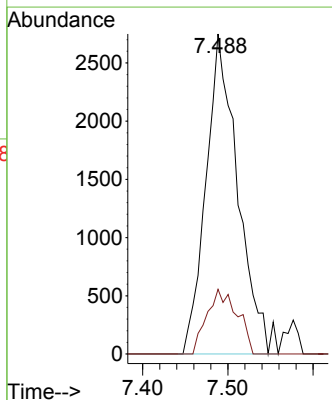
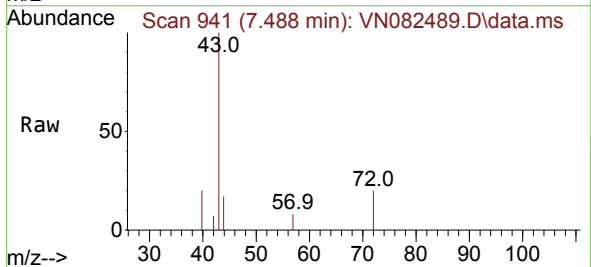


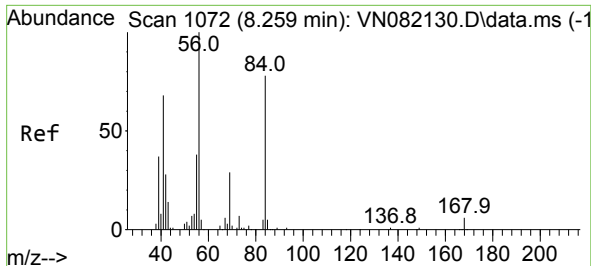
Tgt Ion: 43 Resp: 7709
Ion Ratio Lower Upper
43 100
58 25.2 25.2 37.8



#25
2-Butanone
Concen: 4.696 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

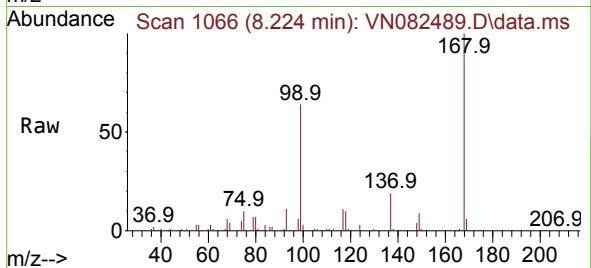
Tgt Ion: 43 Resp: 7164
Ion Ratio Lower Upper
43 100
72 20.2 25.3 37.9#



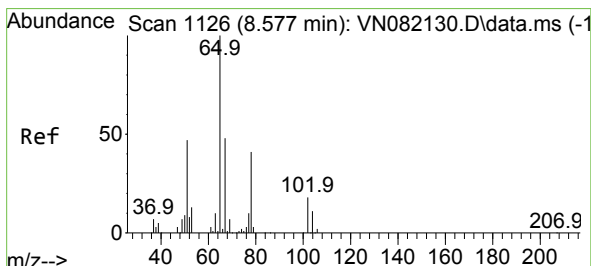
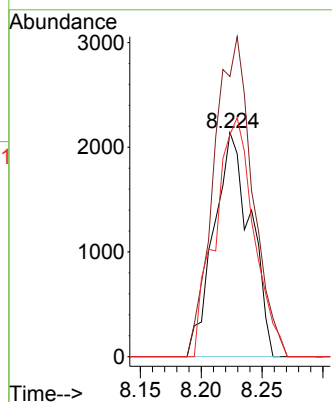
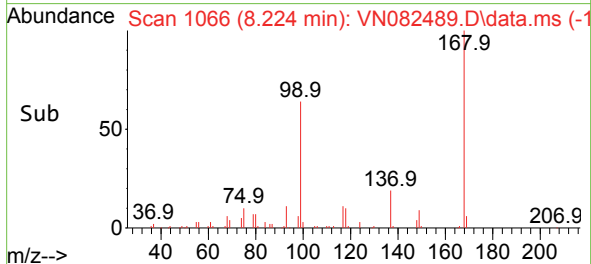


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

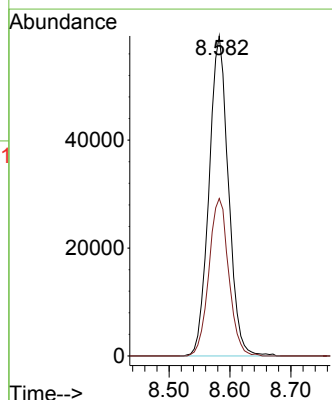
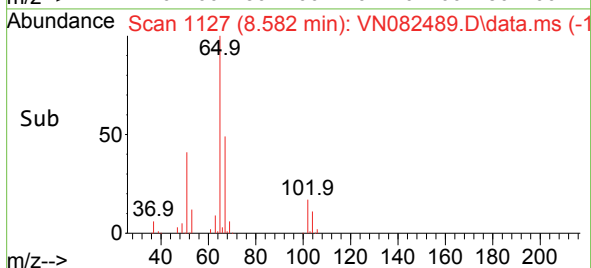
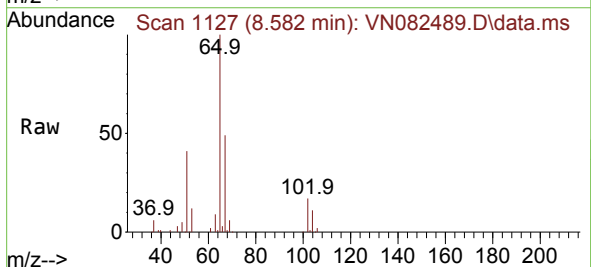


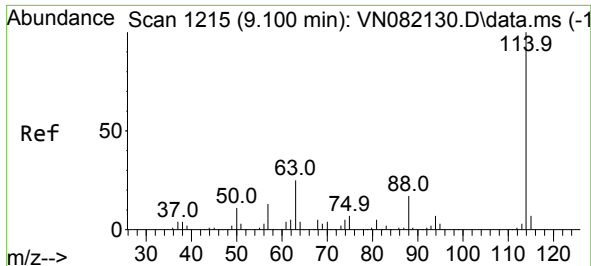
Tgt Ion: 56 Resp: 4489
Ion Ratio Lower Upper
56 100
69 125.0 24.4 36.6#
84 99.2 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.507 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Tgt Ion: 65 Resp: 131244
Ion Ratio Lower Upper
65 100
67 50.2 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: VN082489.D

Acq: 07 Jun 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

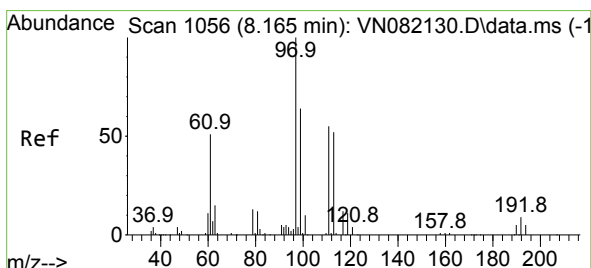
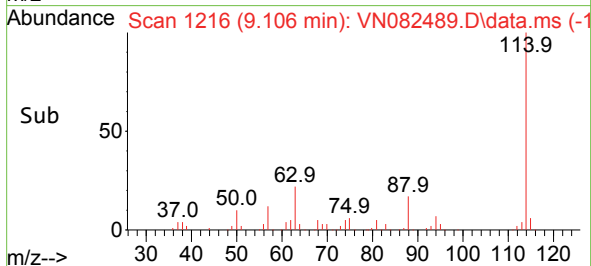
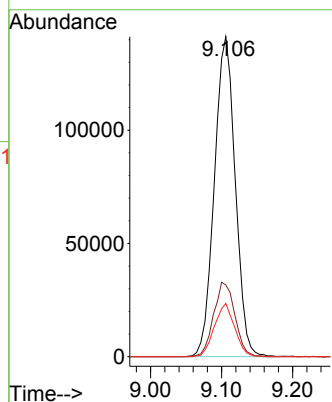
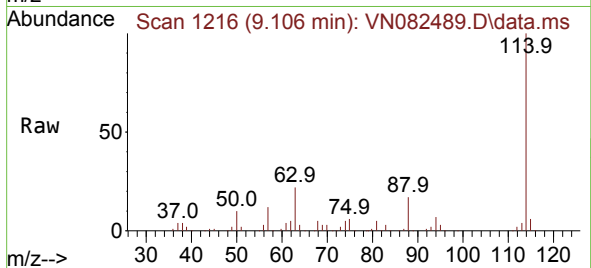
Tgt Ion:114 Resp: 287850

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.0

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.675 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082489.D

Acq: 07 Jun 2024 13:47

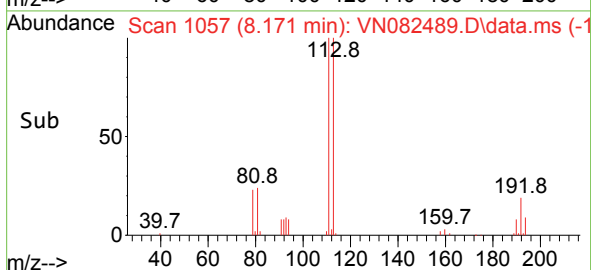
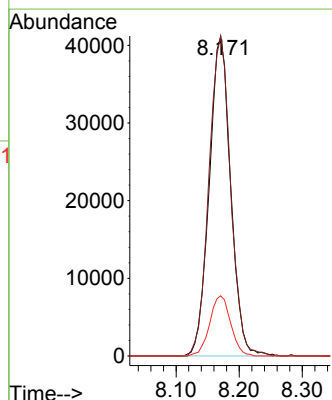
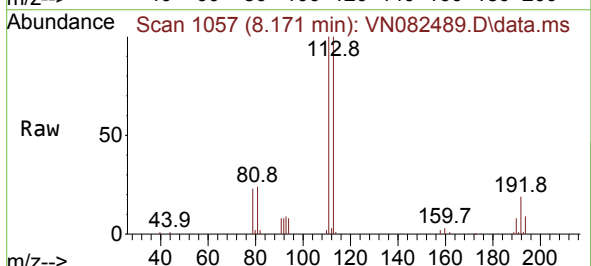
Tgt Ion:113 Resp: 96815

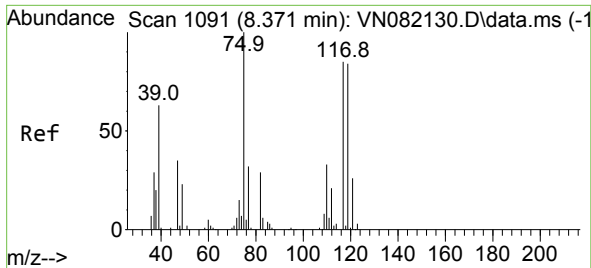
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 18.4 14.0 21.0

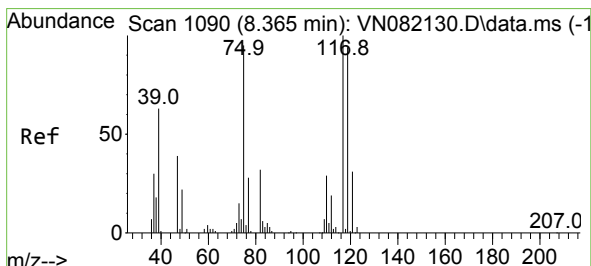
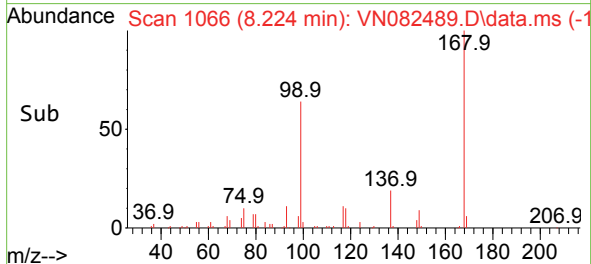
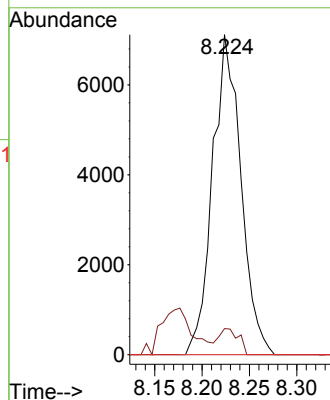
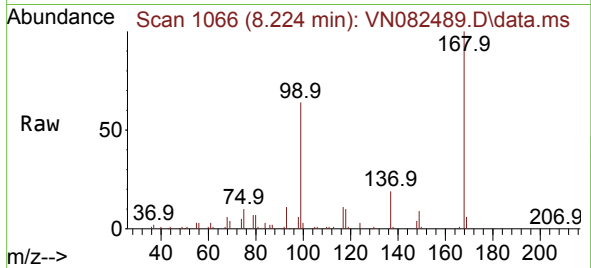




#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

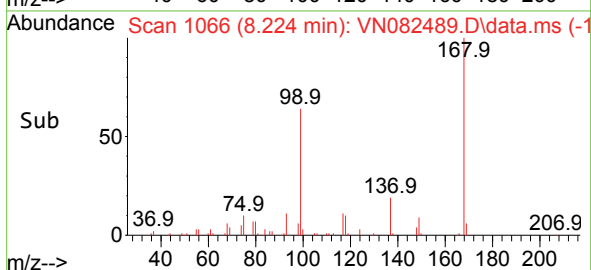
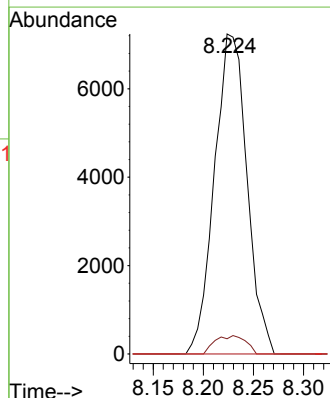
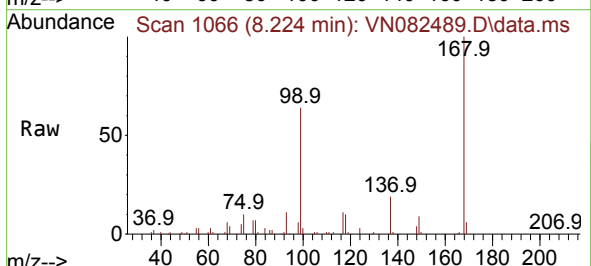
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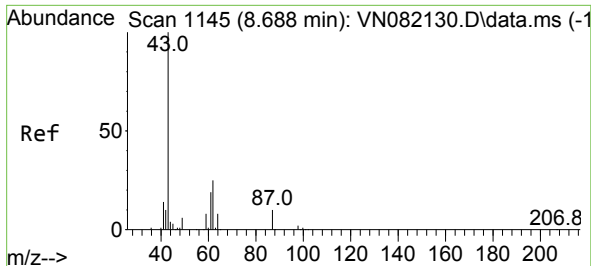
Tgt Ion: 75 Resp: 14822
Ion Ratio Lower Upper
75 100
110 5.6 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.410 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

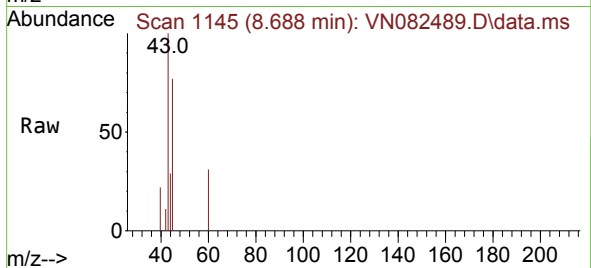
Tgt Ion: 117 Resp: 16288
Ion Ratio Lower Upper
117 100
119 4.8 76.5 114.7#
121 0.0 23.9 35.9#



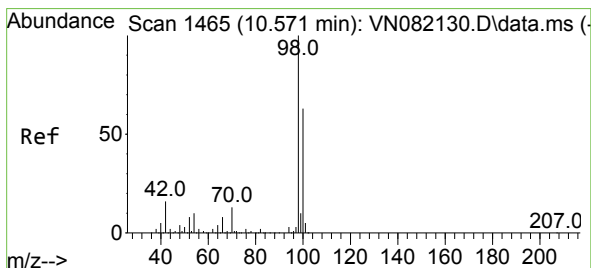
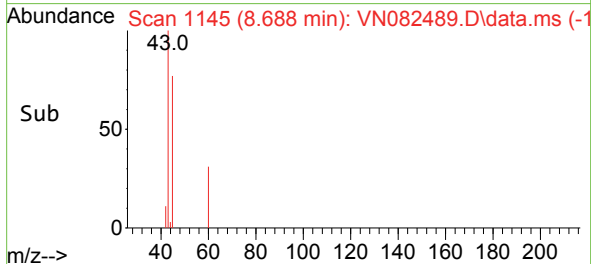
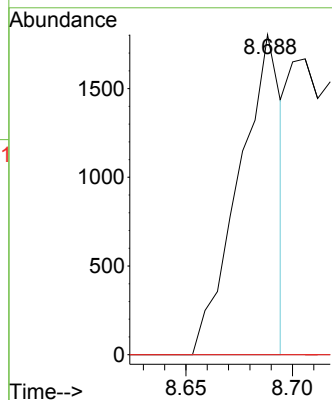


#43
Isopropyl Acetate
Concen: 0.425 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

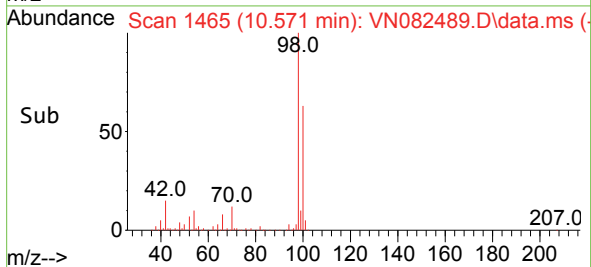
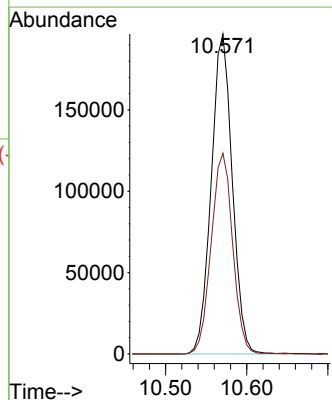
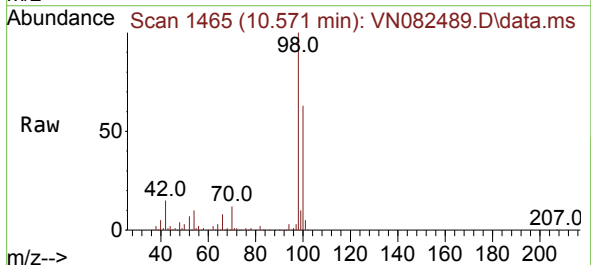


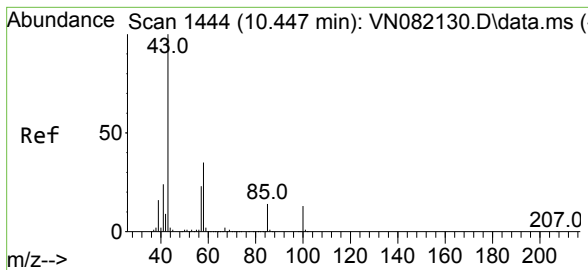
Tgt Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.169 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Tgt Ion: 98 Resp: 354165
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

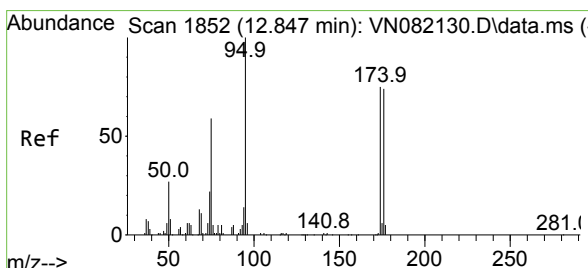
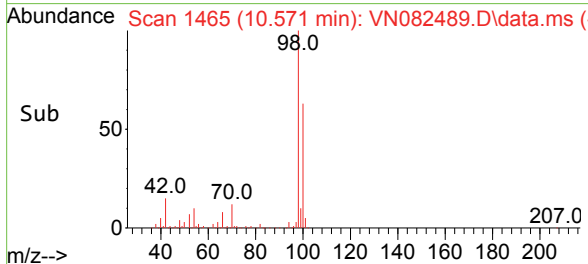
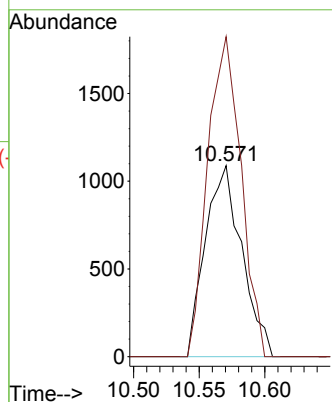
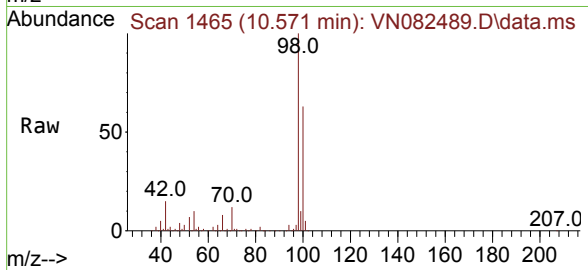




#51
4-Methyl-2-Pentanone
Concen: 0.630 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

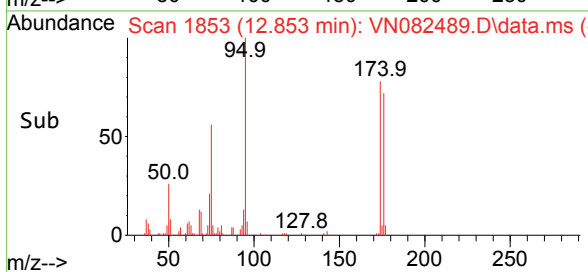
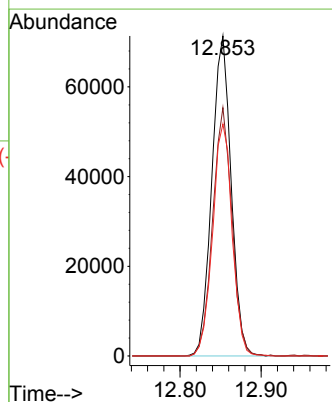
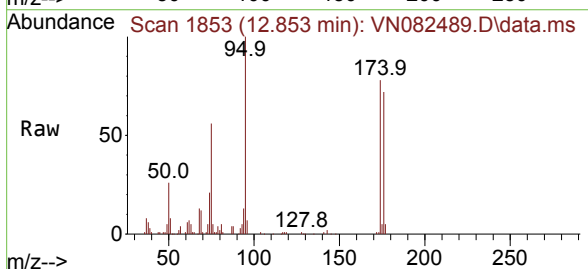
Instrument :
MSVOA_N
ClientSampleId :

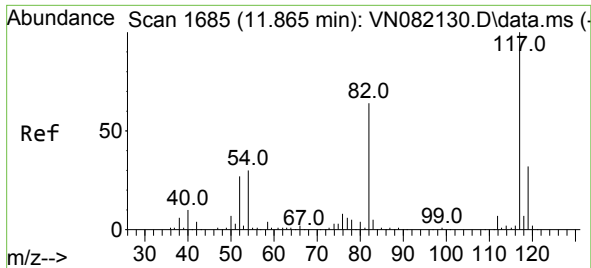
Tgt Ion: 43 Resp: 2107
Ion Ratio Lower Upper
43 100
58 153.2 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

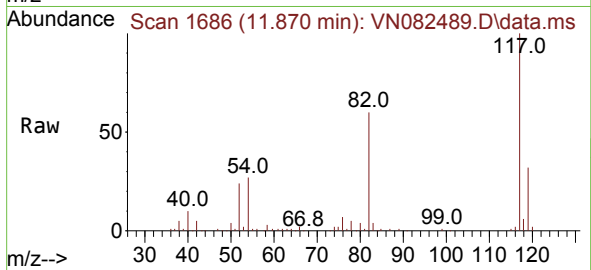
Tgt Ion: 95 Resp: 117733
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.6
176 73.5 0.0 152.8



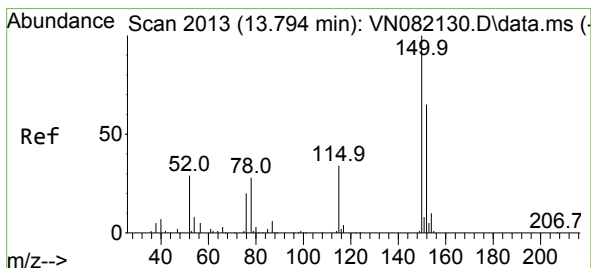
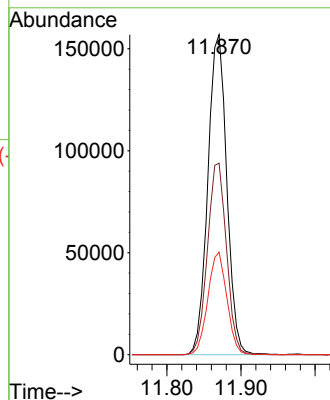
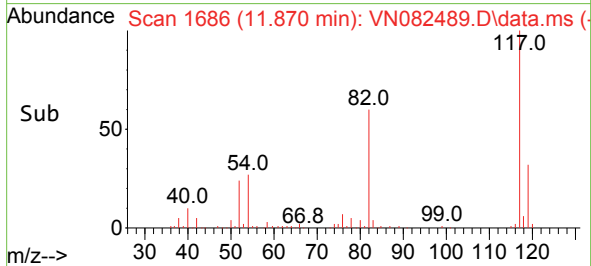


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

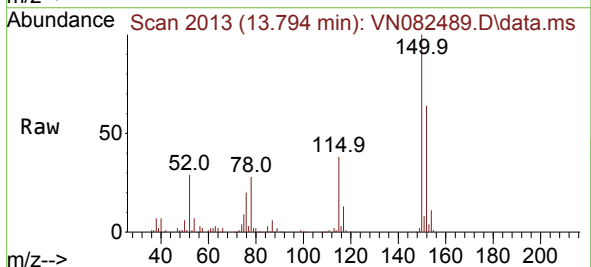
Instrument :
MSVOA_N
ClientSampleId :



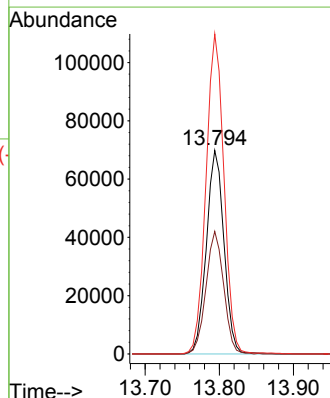
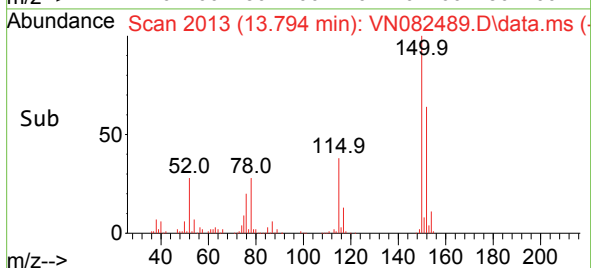
Tgt Ion:117 Resp: 278624
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 32.0 25.9 38.9

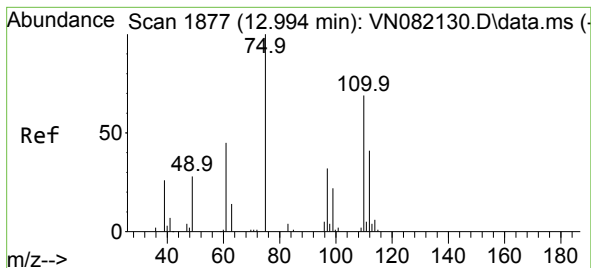


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47



Tgt Ion:152 Resp: 115329
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 160.2 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 28.502 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082489.D

Acq: 07 Jun 2024 13:47

Instrument :

MSVOA_N

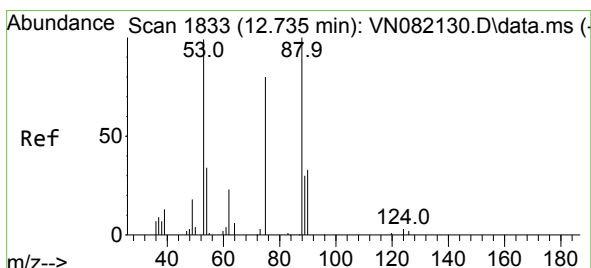
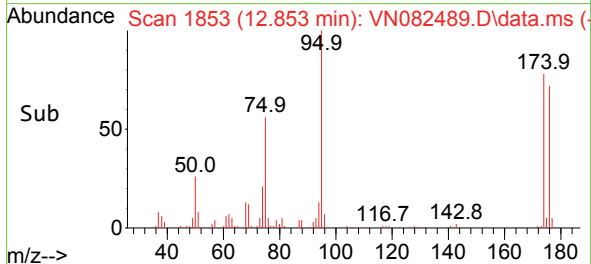
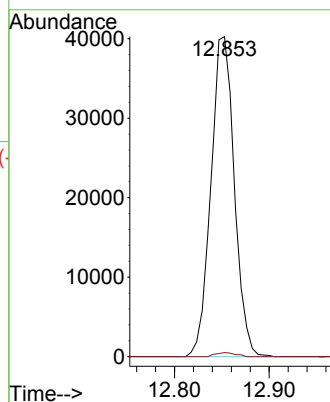
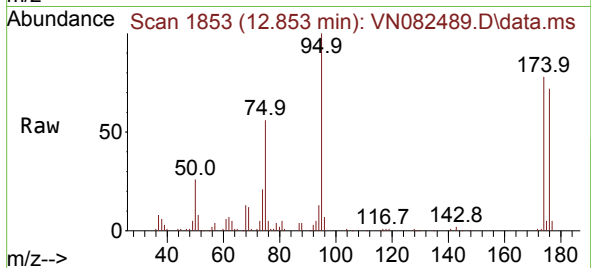
ClientSampleId :

Tgt Ion: 75 Resp: 69187

Ion Ratio Lower Upper

75 100

77 1.1 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.666 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082489.D

Acq: 07 Jun 2024 13:47

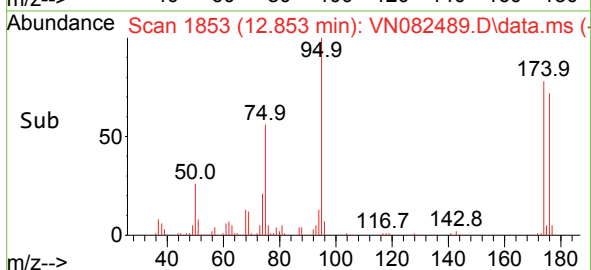
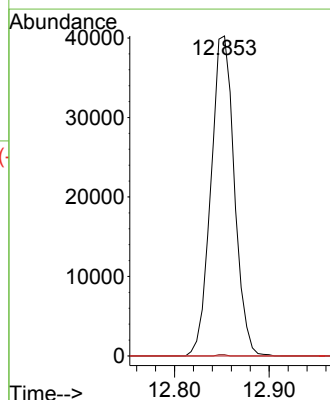
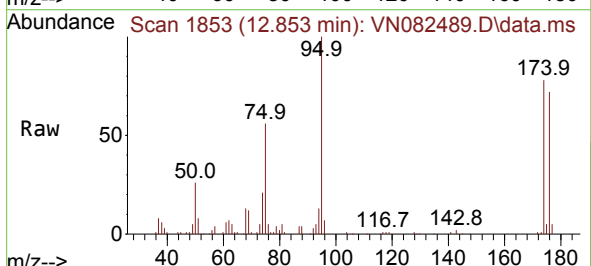
Tgt Ion: 75 Resp: 69187

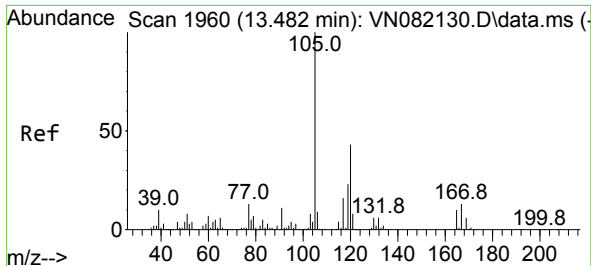
Ion Ratio Lower Upper

75 100

53 0.2 72.9 109.3#

89 0.0 39.1 58.7#

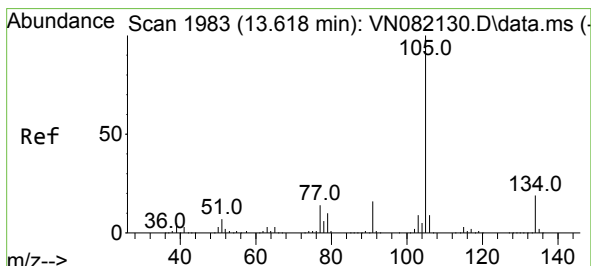
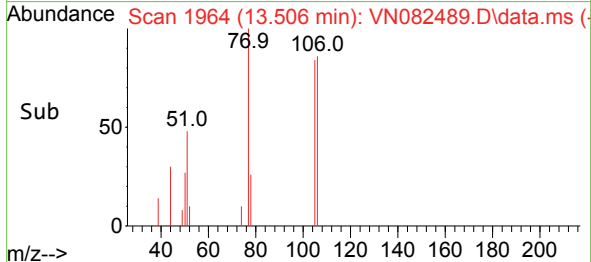
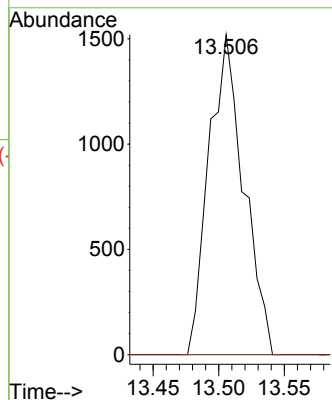
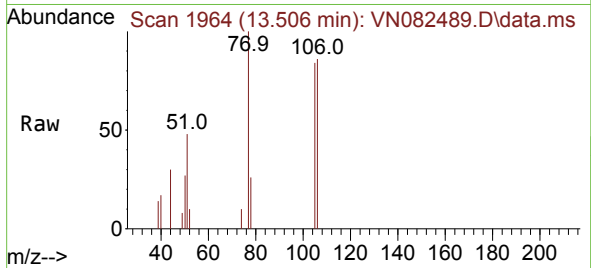




#84
1,2,4-Trimethylbenzene
Concen: 0.371 ug/l
RT: 13.506 min Scan# 1964
Delta R.T. 0.023 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 2812
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#



#85
sec-Butylbenzene
Concen: 0.313 ug/l
RT: 13.506 min Scan# 1964
Delta R.T. -0.112 min
Lab File: VN082489.D
Acq: 07 Jun 2024 13:47

Tgt Ion:105 Resp: 2812
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

