

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082372.D
 Acq On : 29 May 2024 15:53
 Operator : JC\MD
 Sample : P2609-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:44:59 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)

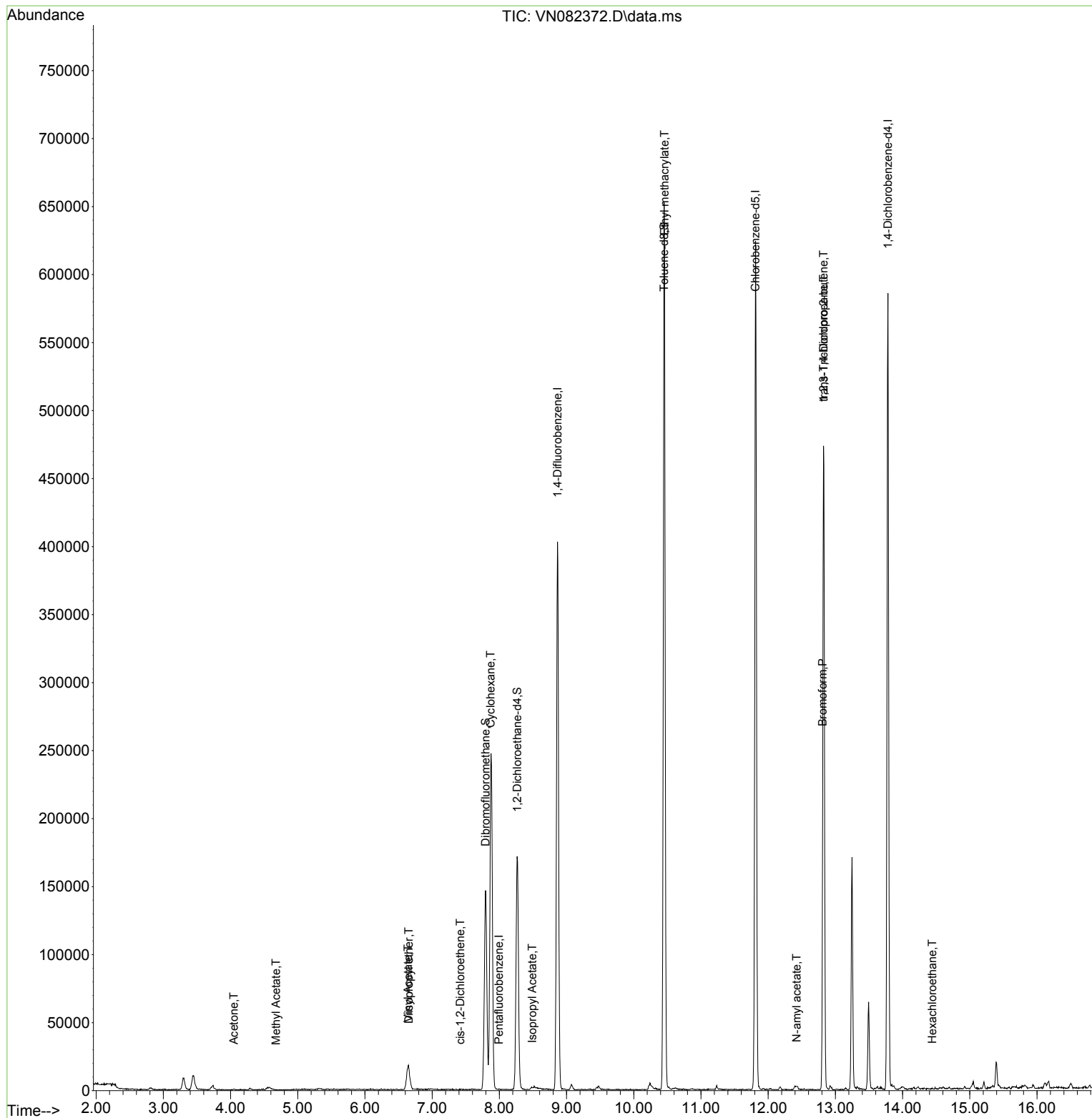
Internal Standards						
1) Pentafluorobenzene	7.994	168	95	50.000	ug/l	#-0.23
34) 1,4-Difluorobenzene	8.865	114	337941	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	302338	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.782	152	144373	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.265	65	155145	103424.861	ug/l	-0.31
Spiked Amount	50.000	Range	74 - 125	Recovery	= 206849.720%#	
35) Dibromofluoromethane	7.794	113	110656	53.229	ug/l	-0.37
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.460%	
50) Toluene-d8	10.453	98	431291	54.113	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	64 - 133	Recovery	= 0.000%#	
Target Compounds						
					Qvalue	
16) Acetone	4.048	43	588	955.543	ug/l #	43
18) Methyl Acetate	4.677	43	56	36.542	ug/l #	47
22) Diisopropyl ether	6.653	45	55	11.858	ug/l #	1
23) Vinyl Acetate	6.641	43	10568	2889.768	ug/l #	68
27) cis-1,2-Dichloroethene	7.418	96	77	57.707	ug/l #	1
31) Cyclohexane	7.871	56	6030	2516.846	ug/l #	57
43) Isopropyl Acetate	8.488	43	1730	0.250	ug/l #	52
56) Ethyl methacrylate	10.459	69	1673	0.435	ug/l #	28
71) Bromoform	12.812	173	285	0.862	ug/l #	28
74) N-amyl acetate	12.423	43	2708	0.429	ug/l #	39
76) 1,2,3-Trichloropropane	12.823	75	89514	29.458	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.823	75	89514	68.901	ug/l #	12
90) Hexachloroethane	14.441	117	369	0.218	ug/l #	17

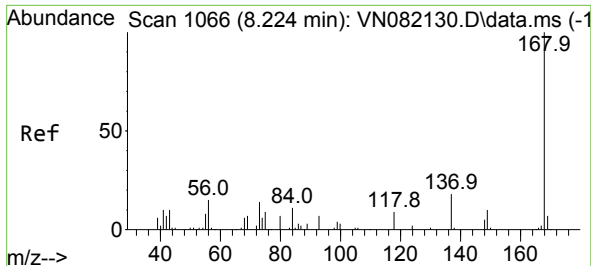
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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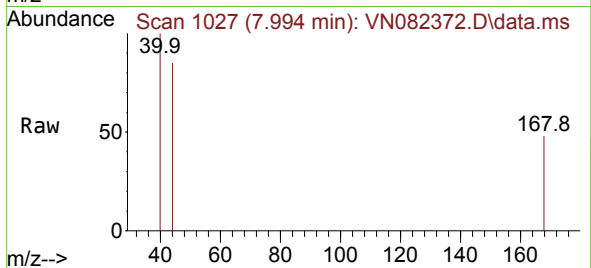
Quant Time: May 30 05:44:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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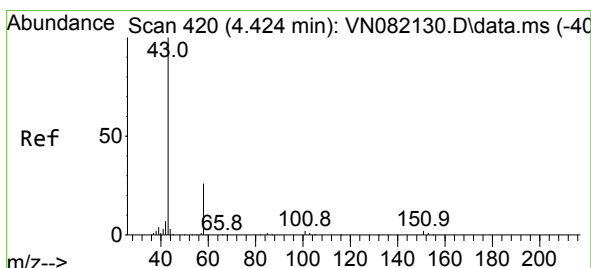
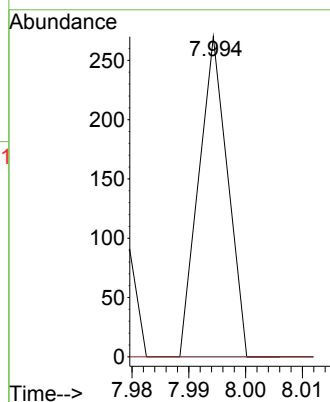
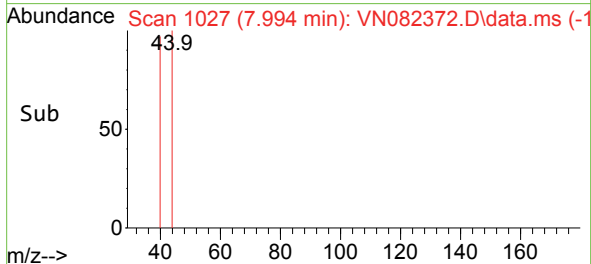


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.994 min Scan# 1066
Delta R.T. -0.230 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

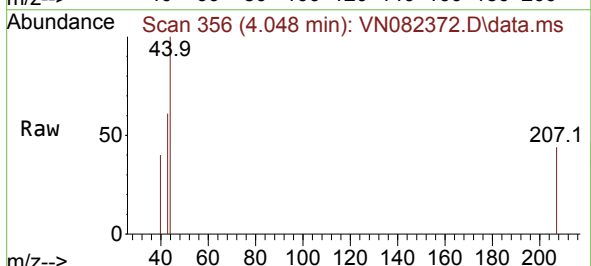
Instrument :
MSVOA_N
ClientSampleId :



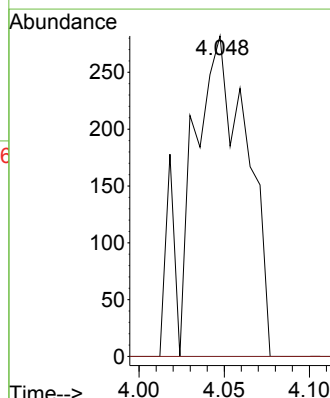
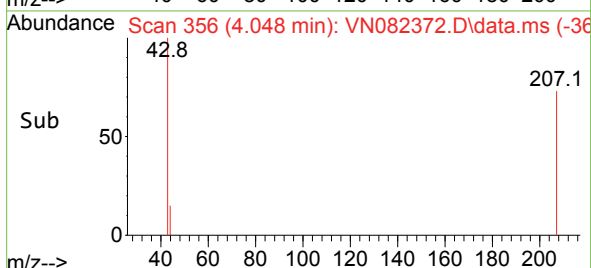
Tgt Ion:168 Resp: 95
Ion Ratio Lower Upper
168 100
99 0.0 48.2 72.4#

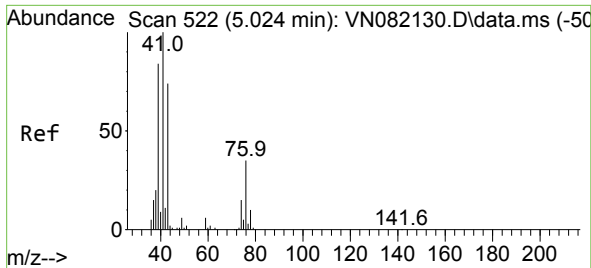


#16
Acetone
Concen: 955.543 ug/l
RT: 4.048 min Scan# 356
Delta R.T. -0.376 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53



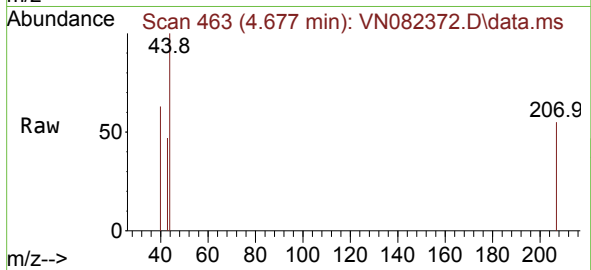
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



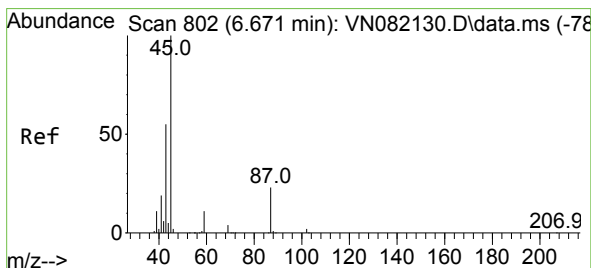
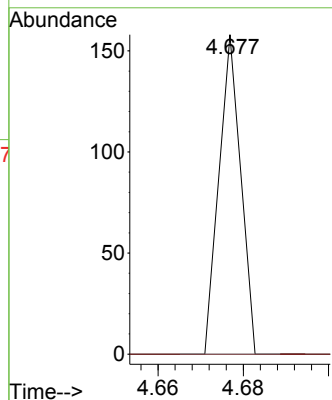
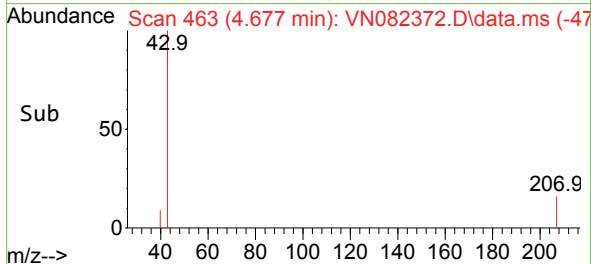


#18
Methyl Acetate
Concen: 36.542 ug/l
RT: 4.677 min Scan# 41
Delta R.T. -0.347 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

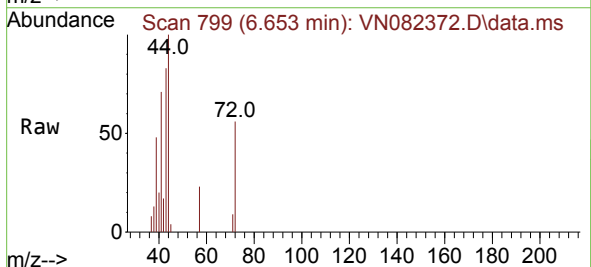
Instrument :
MSVOA_N
ClientSampleId :



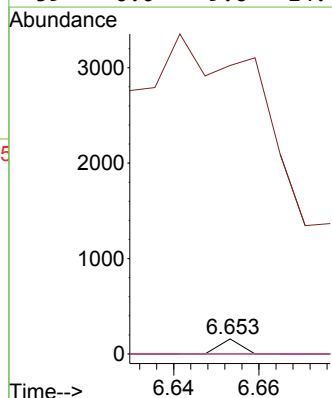
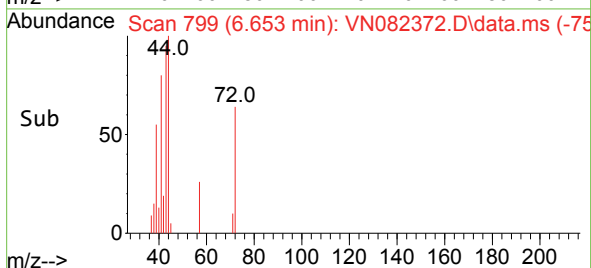
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

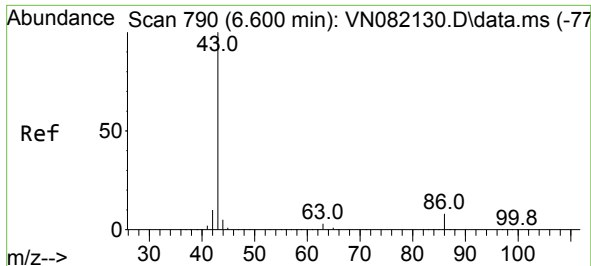


#22
Diisopropyl ether
Concen: 11.858 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.018 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53



Tgt Ion: 45 Resp: 55
Ion Ratio Lower Upper
45 100
43 593.0 44.1 66.1#
87 0.0 27.0 40.6#
59 0.0 9.6 14.4#

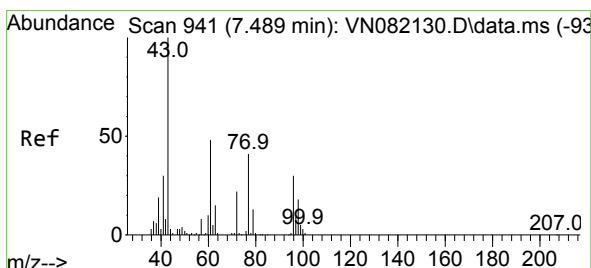
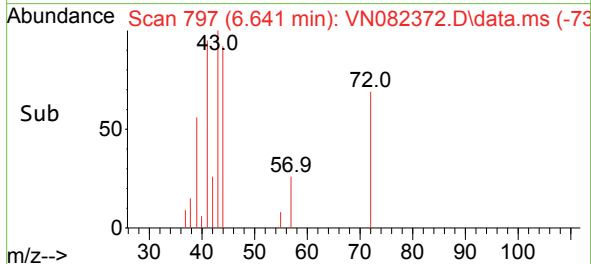
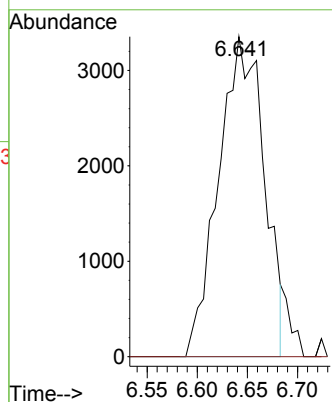
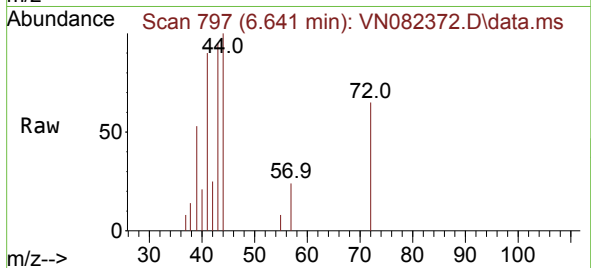




#23
 Vinyl Acetate
 Concen: 2889.768 ug/l
 RT: 6.641 min Scan# 790
 Delta R.T. 0.041 min
 Lab File: VN082372.D
 Acq: 29 May 2024 15:53

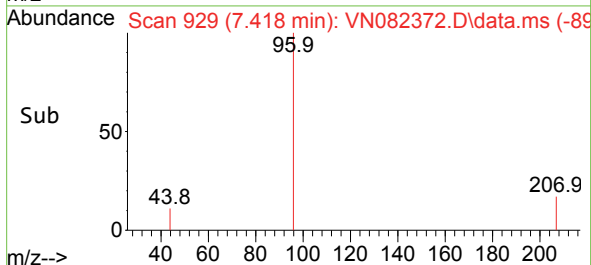
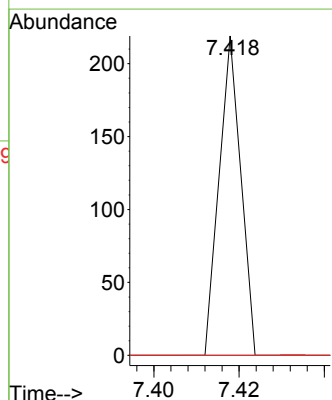
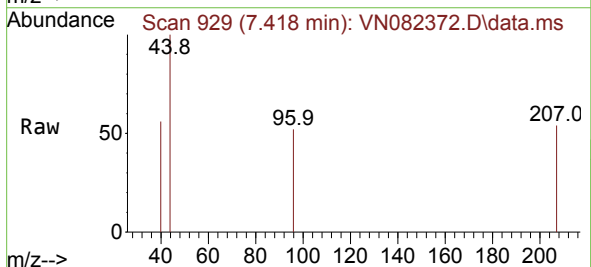
Instrument :
 MSVOA_N
 ClientSampleId :

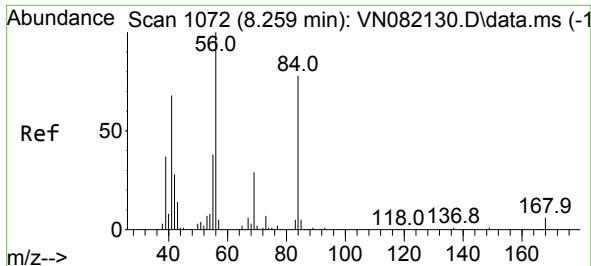
Tgt Ion: 43 Resp: 10568
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.2 15.4#



#27
 cis-1,2-Dichloroethene
 Concen: 57.707 ug/l
 RT: 7.418 min Scan# 929
 Delta R.T. -0.071 min
 Lab File: VN082372.D
 Acq: 29 May 2024 15:53

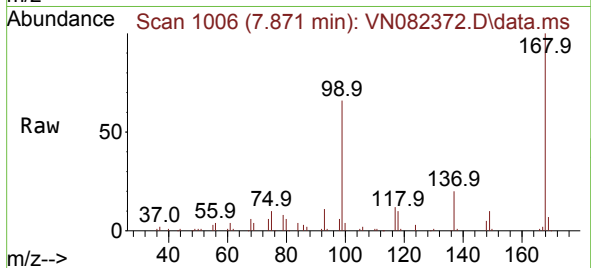
Tgt Ion: 96 Resp: 77
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 268.0
 98 0.0 0.0 126.8



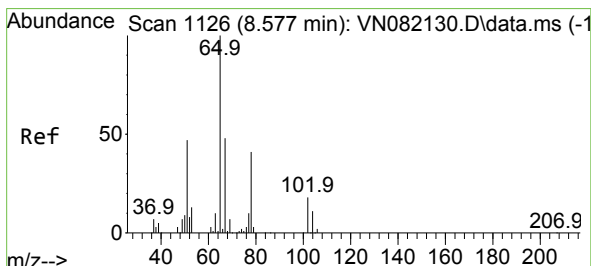
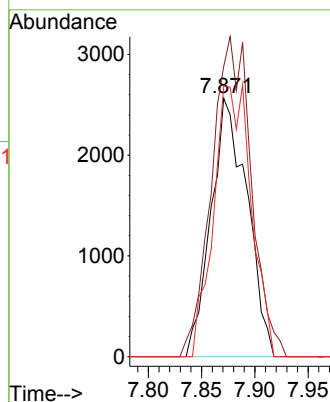
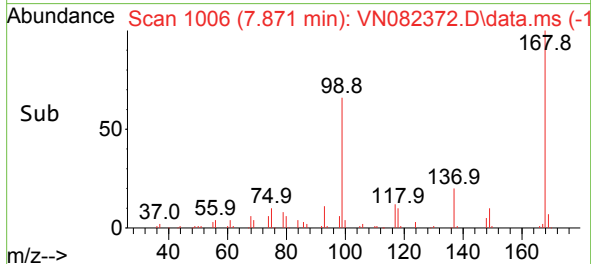


#31
Cyclohexane
Concen: 2516.846 ug/l
RT: 7.871 min Scan# 1072
Delta R.T. -0.388 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :

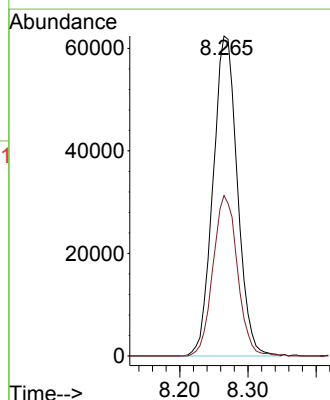
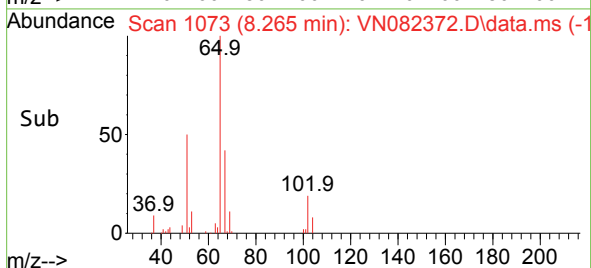
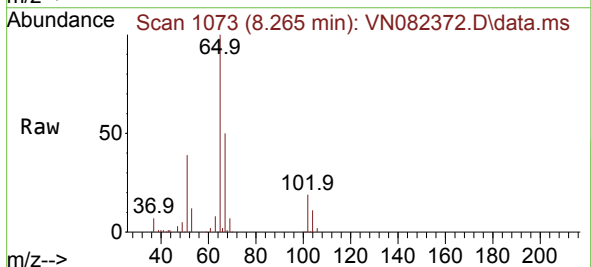


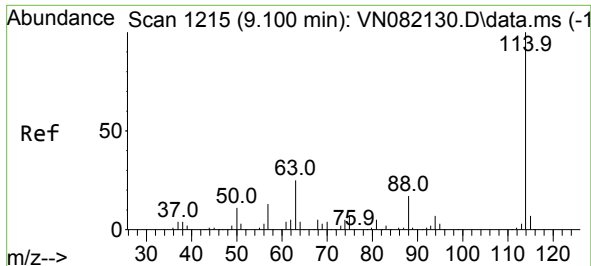
Tgt Ion: 56 Resp: 6030
Ion Ratio Lower Upper
56 100
69 112.4 24.4 36.6#
84 104.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 103424.861 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.312 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

Tgt Ion: 65 Resp: 155145
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.865 min Scan# 1175

Delta R.T. -0.235 min

Lab File: VN082372.D

Acq: 29 May 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

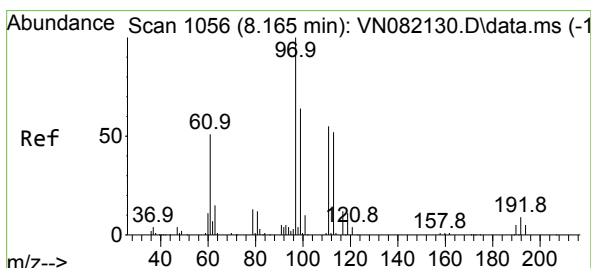
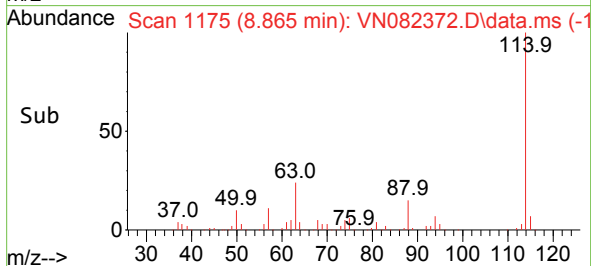
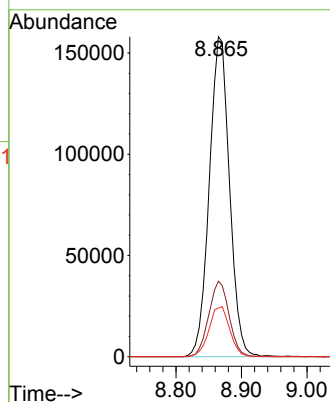
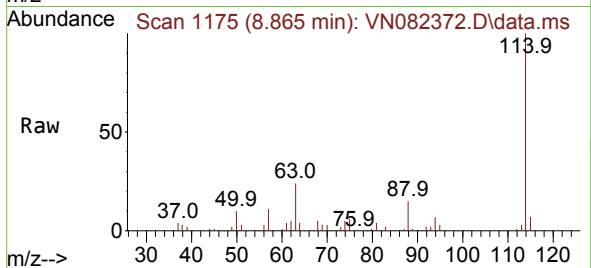
Tgt Ion:114 Resp: 337941

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.229 ug/l

RT: 7.794 min Scan# 993

Delta R.T. -0.371 min

Lab File: VN082372.D

Acq: 29 May 2024 15:53

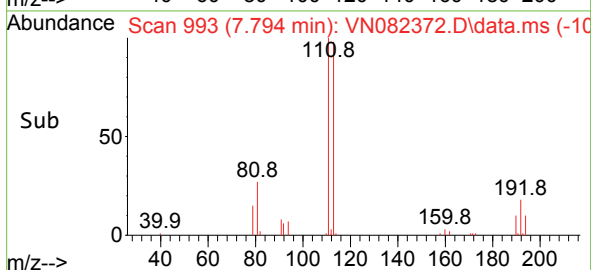
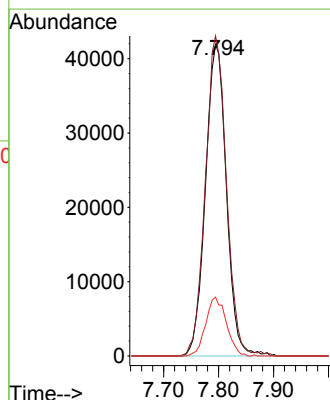
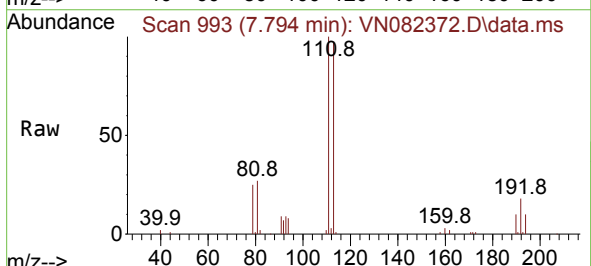
Tgt Ion:113 Resp: 110656

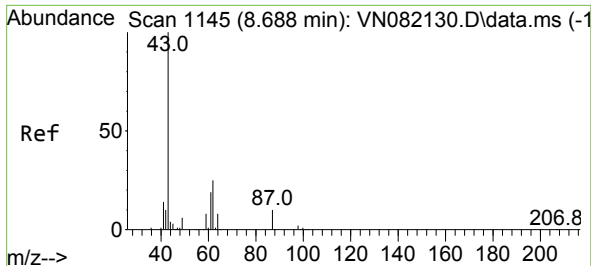
Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

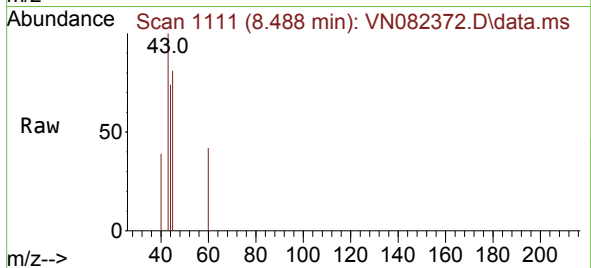
192 18.6 14.0 21.0



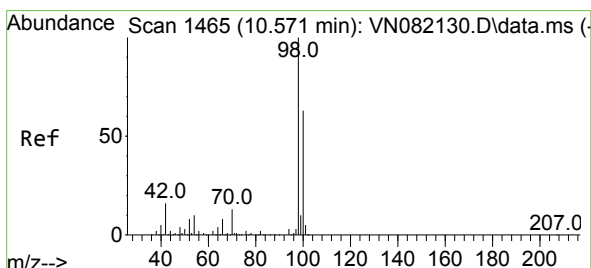
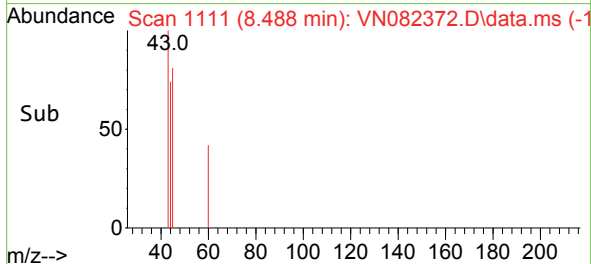
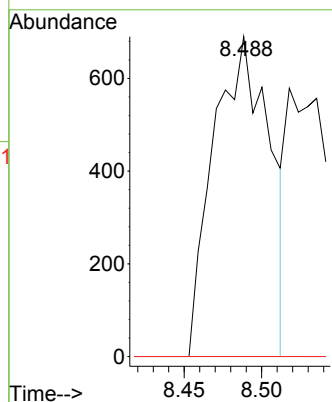


#43
Isopropyl Acetate
Concen: 0.250 ug/l
RT: 8.488 min Scan# 1145
Delta R.T. -0.200 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :

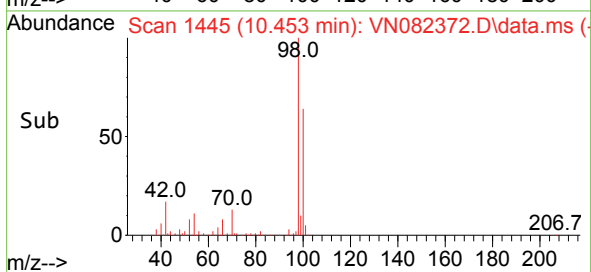
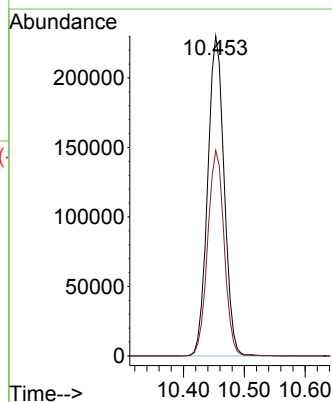
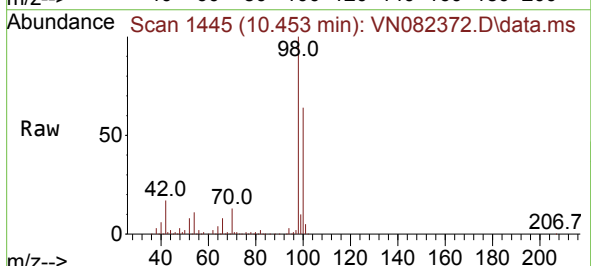


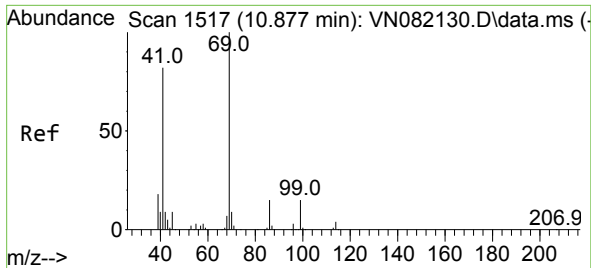
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.113 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.118 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

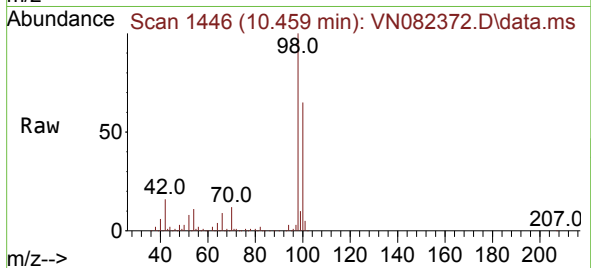
Tgt Ion: 98 Resp: 431291
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



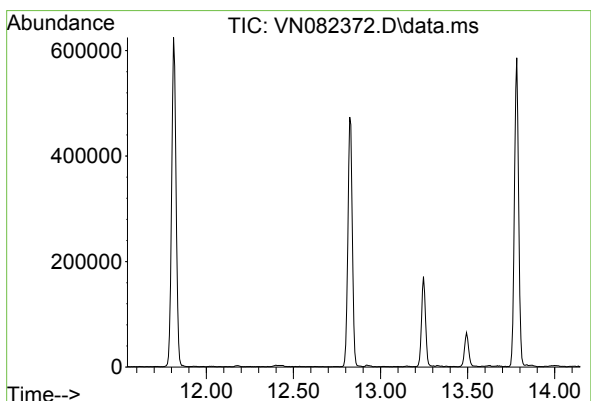
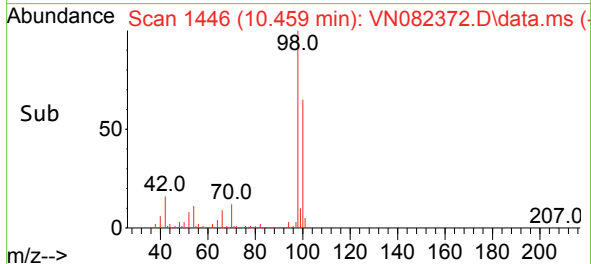
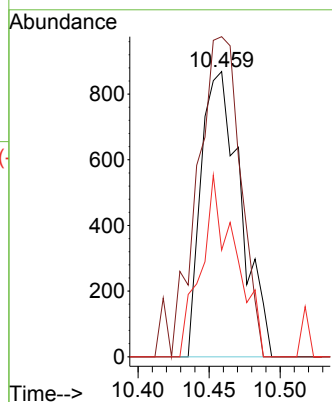


#56
Ethyl methacrylate
Concen: 0.435 ug/l
RT: 10.459 min Scan# 14
Delta R.T. -0.418 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :



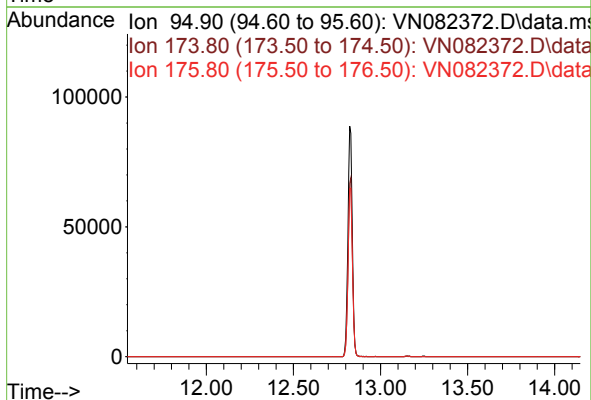
Tgt Ion: 69 Resp: 1673
Ion Ratio Lower Upper
69 100
41 125.7 46.6 70.0#
39 55.9 26.5 39.7#

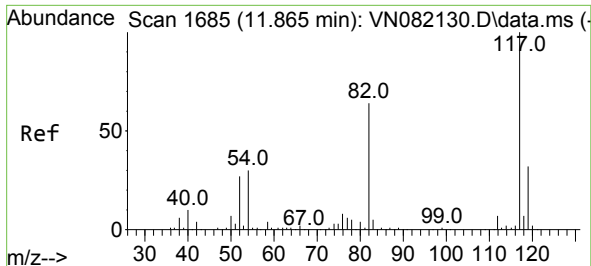


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

Lab File: VN082372.D
Acq: 29 May 2024 15:53

Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.3
176 76.4

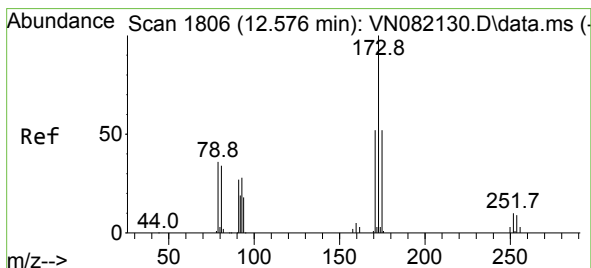
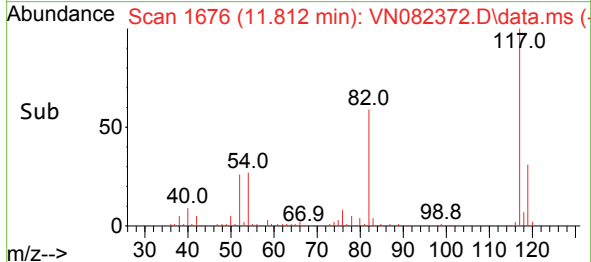
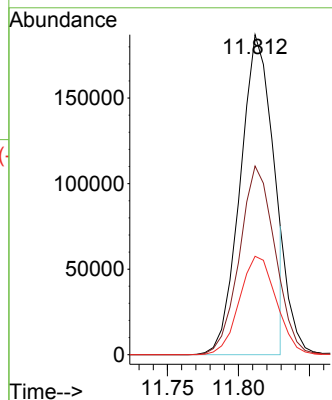
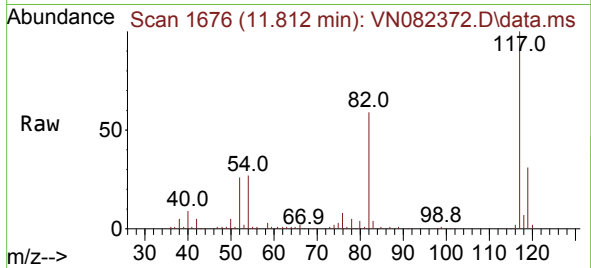




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.812 min Scan# 117
Delta R.T. -0.053 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

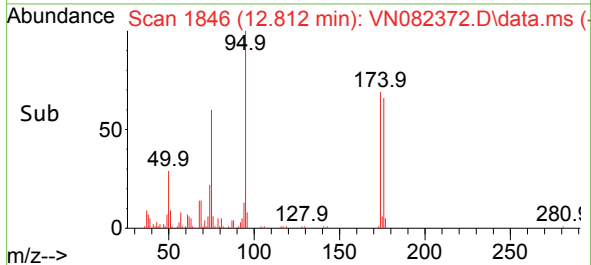
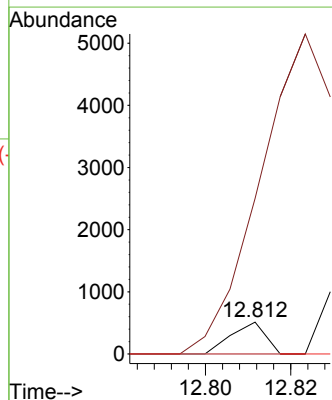
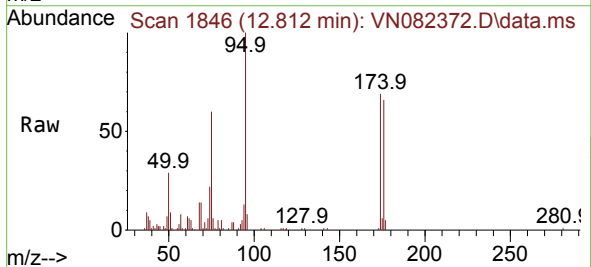
Instrument :
MSVOA_N
ClientSampleId :

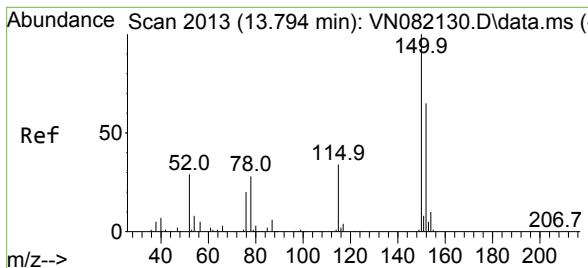
Tgt Ion:117 Resp: 302338
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 30.7 25.9 38.9



#71
Bromoform
Concen: 0.862 ug/l
RT: 12.812 min Scan# 1846
Delta R.T. 0.236 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

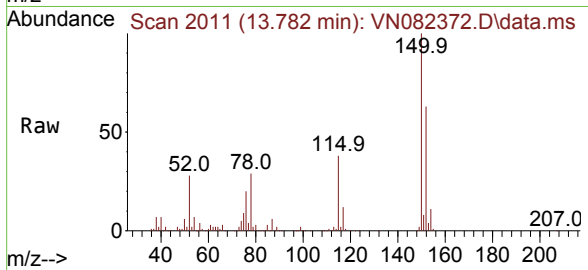
Tgt Ion:173 Resp: 285
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



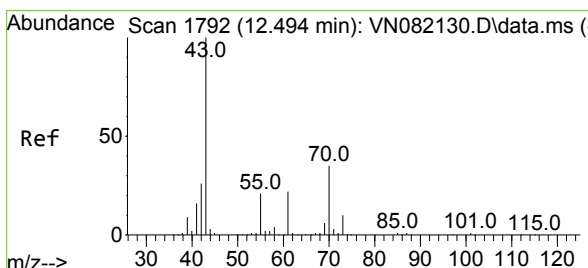
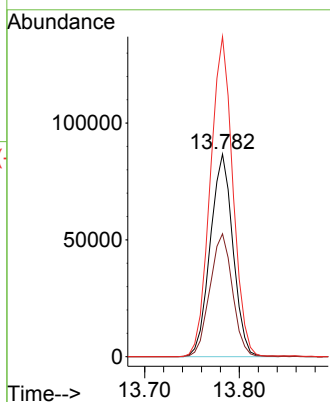
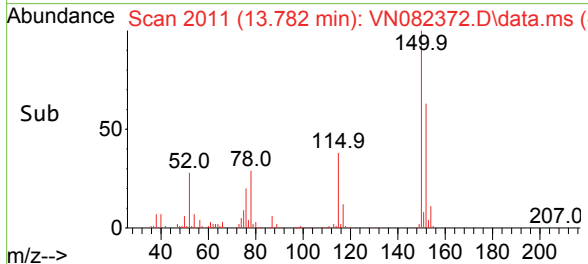


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.782 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN082372.D
 Acq: 29 May 2024 15:53

Instrument :
 MSVOA_N
 ClientSampleId :

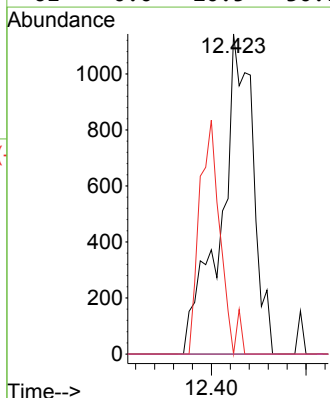
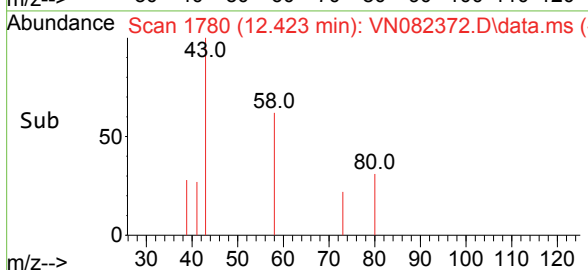
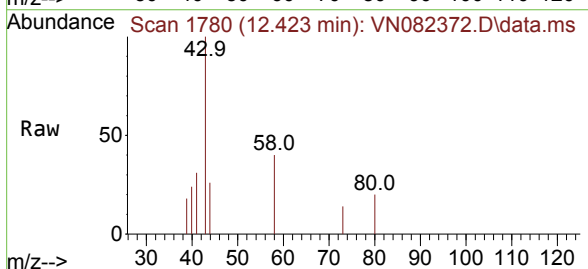


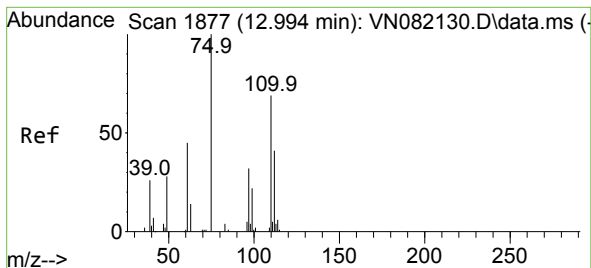
Tgt Ion:152 Resp: 144373
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.4 91.3
 150 157.6 0.0 353.2



#74
 N-ethyl acetate
 Concen: 0.429 ug/l
 RT: 12.423 min Scan# 1780
 Delta R.T. -0.071 min
 Lab File: VN082372.D
 Acq: 29 May 2024 15:53

Tgt Ion: 43 Resp: 2708
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.4#
 55 0.0 21.3 31.9#
 61 0.0 20.5 30.7#





#76

1,2,3-Trichloropropane

Concen: 29.458 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. -0.171 min

Lab File: VN082372.D

Acq: 29 May 2024 15:53

Instrument :

MSVOA_N

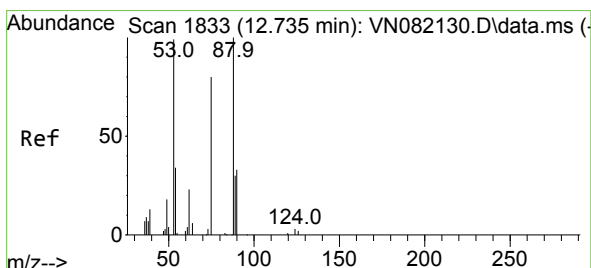
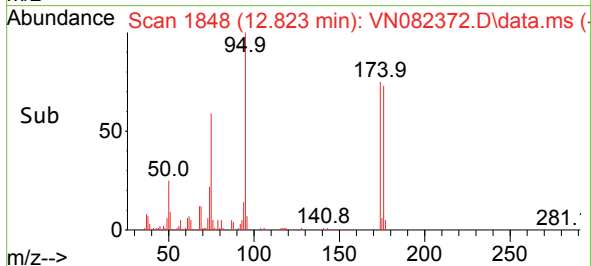
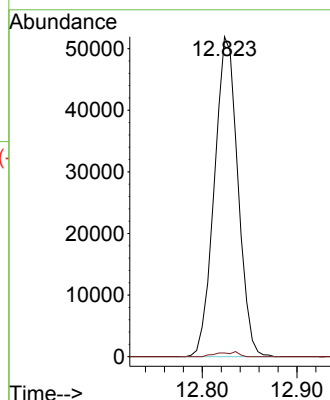
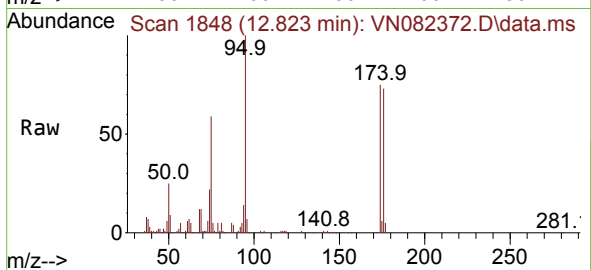
ClientSampleId :

Tgt Ion: 75 Resp: 89514

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.901 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. 0.088 min

Lab File: VN082372.D

Acq: 29 May 2024 15:53

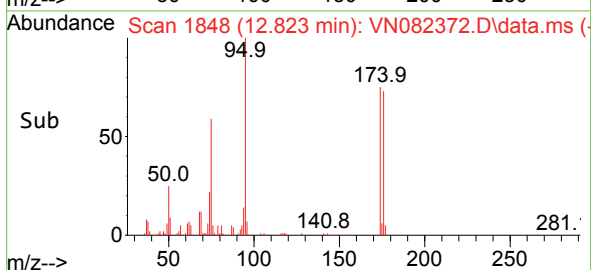
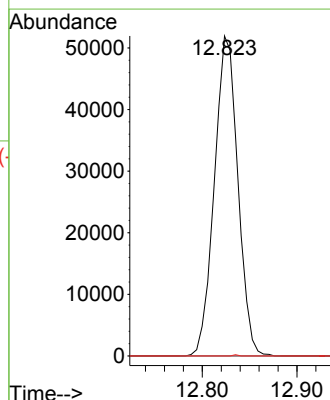
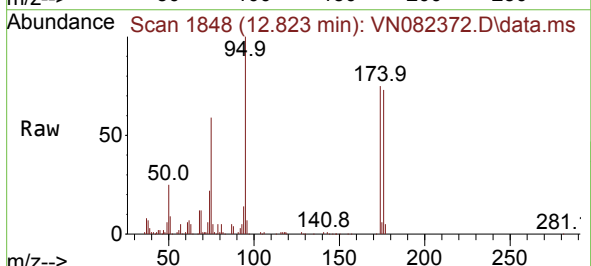
Tgt Ion: 75 Resp: 89514

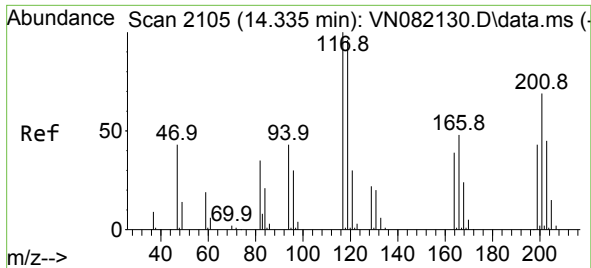
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

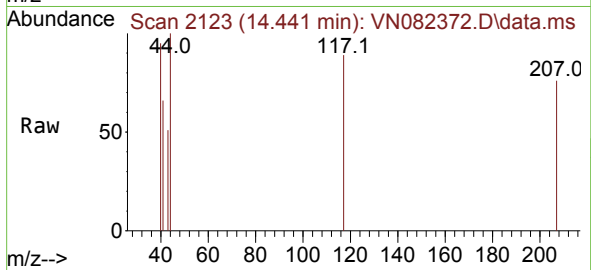
89 0.1 39.1 58.7#





#90
 Hexachloroethane
 Concen: 0.218 ug/l
 RT: 14.441 min Scan# 21
 Delta R.T. 0.106 min
 Lab File: VN082372.D
 Acq: 29 May 2024 15:53

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:117 Resp: 369
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.3 99.8#

