

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082936.D
 Acq On : 16 Jul 2024 15:17
 Operator : JC\MD
 Sample : PB162077TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162077TB

Quant Time: Jul 17 00:56:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

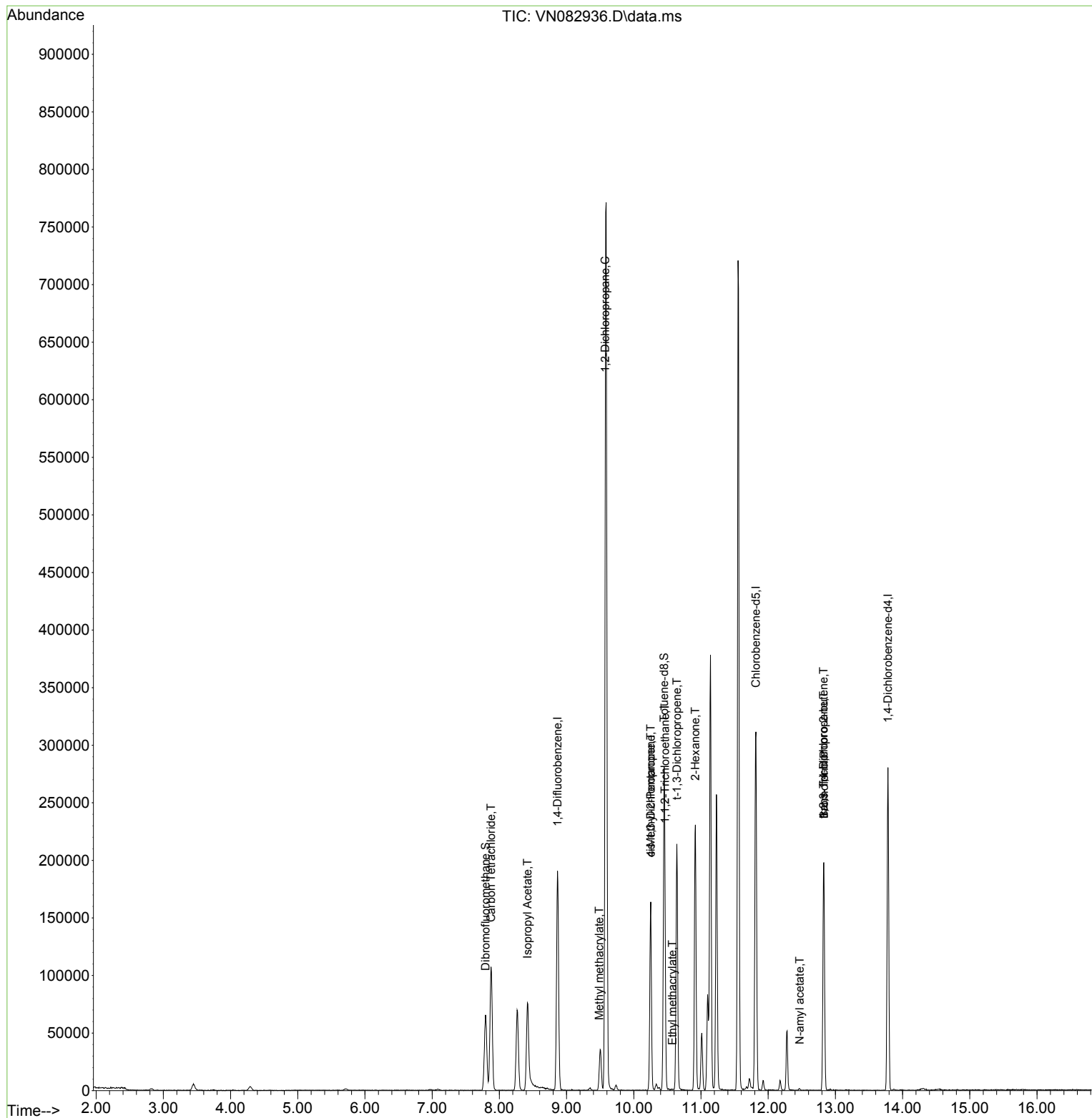
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-8.23
34) 1,4-Difluorobenzene	8.865	114	169231	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.817	117	149070	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.782	152	71328	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	7.794	113	50270	46.293	ug/l	-0.37
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	10.453	98	193799	48.319	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.640%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	64 - 133	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
38) Carbon Tetrachloride	7.877	117	6810	3.778	ug/l #	17
43) Isopropyl Acetate	8.418	43	97930	33.068	ug/l #	89
45) 1,2-Dichloropropane	9.576	63	880	0.818	ug/l #	44
48) Methyl methacrylate	9.488	41	2312	1.934	ug/l #	17
51) 4-Methyl-2-Pentanone	10.253	43	60335	39.927	ug/l #	51
53) t-1,3-Dichloropropene	10.641	75	371	0.208	ug/l #	1
54) cis-1,3-Dichloropropene	10.253	75	27674	14.664	ug/l #	61
55) 1,1,2-Trichloroethane	10.465	97	5241	4.954	ug/l #	1
56) Ethyl methacrylate	10.576	69	350	0.213	ug/l #	17
59) 2-Hexanone	10.918	43	161076	143.369	ug/l #	29
71) Bromoform	12.829	173	576	0.645	ug/l #	1
74) N-amyl acetate	12.470	43	611	0.285	ug/l #	46
76) 1,2,3-Trichloropropane	12.823	75	37157	30.215	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.823	75	37157	59.425	ug/l #	6

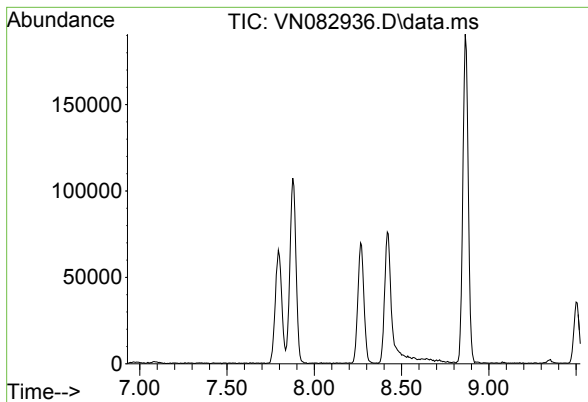
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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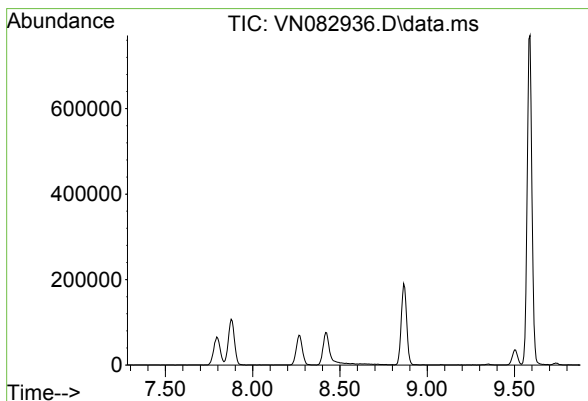
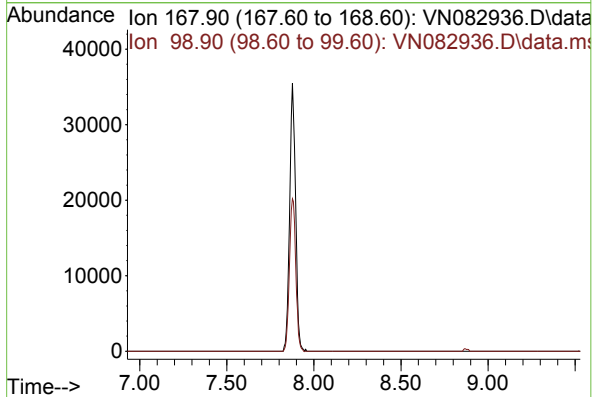




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.23 min
 Lab File: VN082936.D
 Acq: 16 Jul 2024 15:17

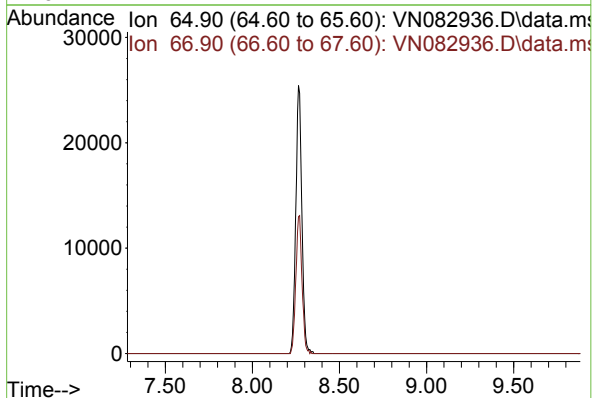
Instrument :
 MSVOA_N
 ClientSampleId :
 PB162077TB

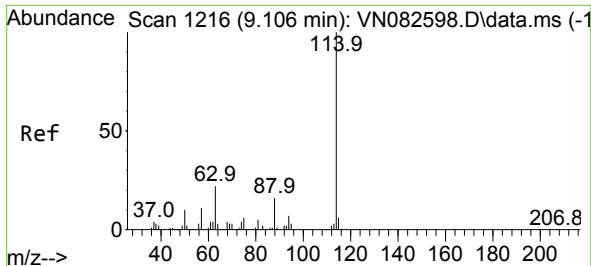
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 60.3



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min
 Lab File: VN082936.D
 Acq: 16 Jul 2024 15:17

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.865 min Scan# 1175

Delta R.T. -0.241 min

Lab File: VN082936.D

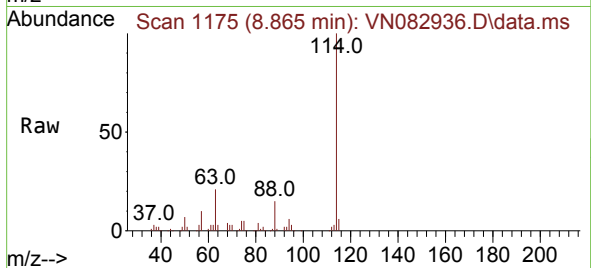
Acq: 16 Jul 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

PB162077TB



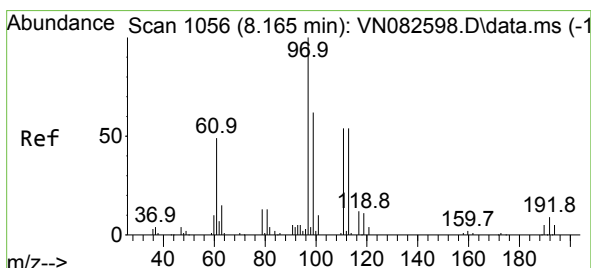
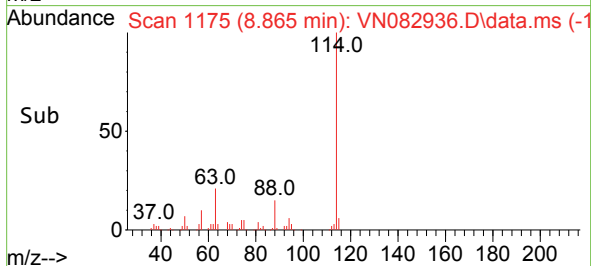
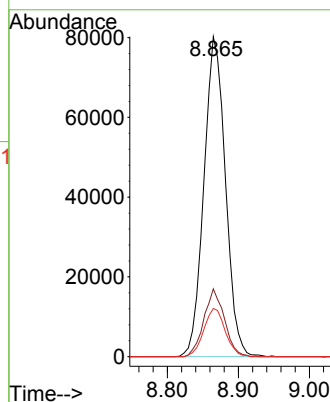
Tgt Ion:114 Resp: 169231

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 46.293 ug/l

RT: 7.794 min Scan# 993

Delta R.T. -0.371 min

Lab File: VN082936.D

Acq: 16 Jul 2024 15:17

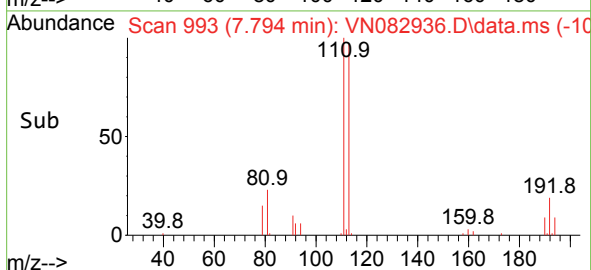
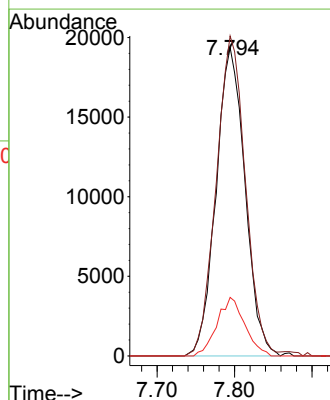
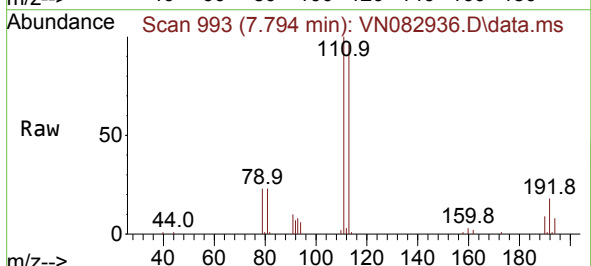
Tgt Ion:113 Resp: 50270

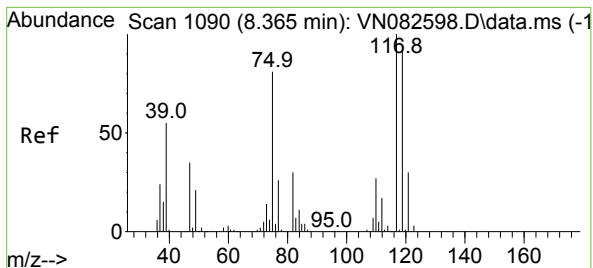
Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

192 18.2 14.9 22.3





#38

Carbon Tetrachloride

Concen: 3.778 ug/l

RT: 7.877 min Scan# 1097

Delta R.T. -0.488 min

Lab File: VN082936.D

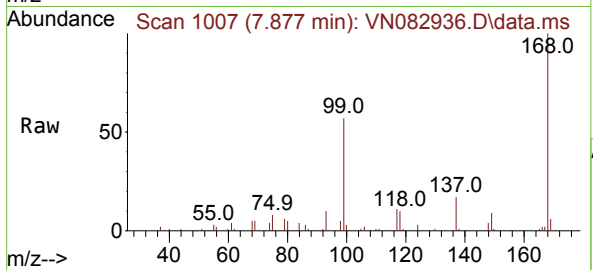
Acq: 16 Jul 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

PB162077TB



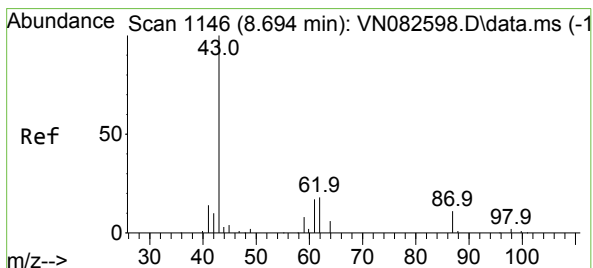
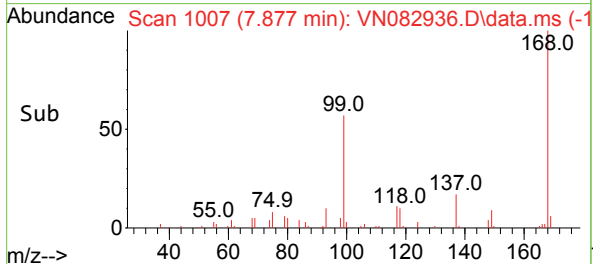
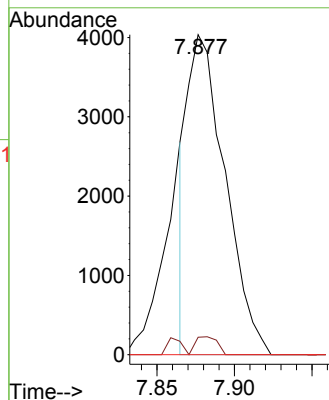
Tgt Ion:117 Resp: 6810

Ion Ratio Lower Upper

117 100

119 5.5 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 33.068 ug/l

RT: 8.418 min Scan# 1099

Delta R.T. -0.276 min

Lab File: VN082936.D

Acq: 16 Jul 2024 15:17

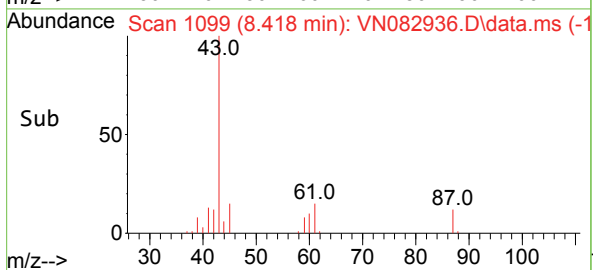
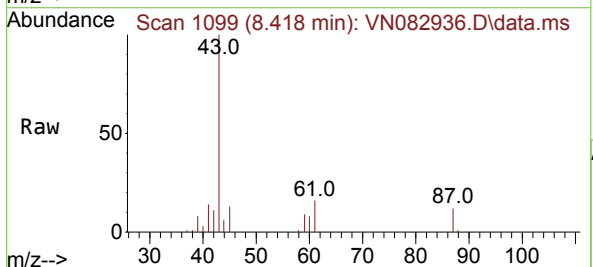
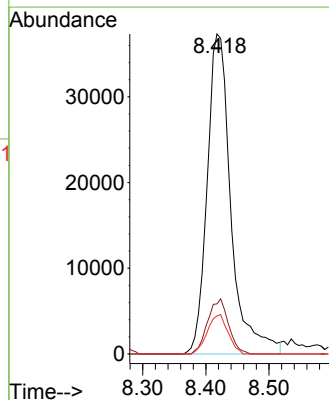
Tgt Ion: 43 Resp: 97930

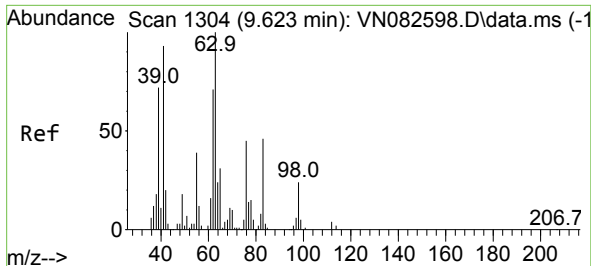
Ion Ratio Lower Upper

43 100

61 15.1 17.8 26.6#

87 10.7 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.818 ug/l

RT: 9.576 min Scan# 11

Delta R.T. -0.047 min

Lab File: VN082936.D

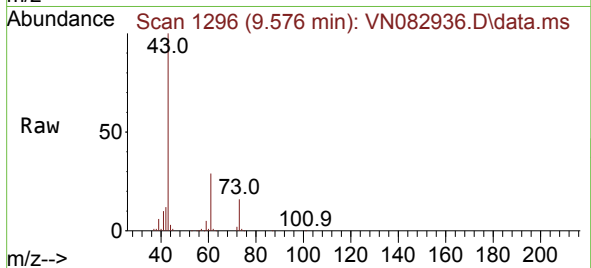
Acq: 16 Jul 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

PB162077TB

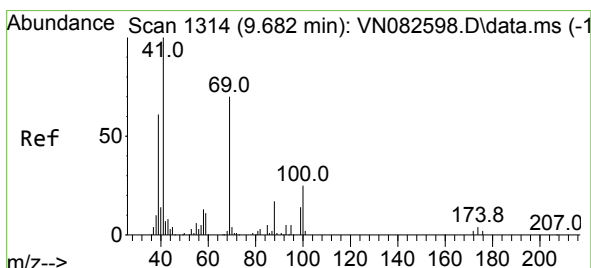
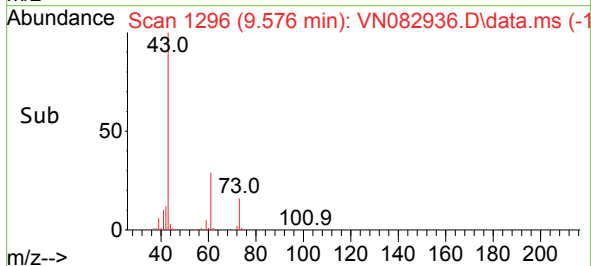
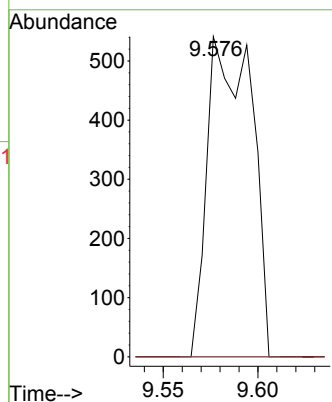


Tgt Ion: 63 Resp: 880

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.934 ug/l

RT: 9.488 min Scan# 1281

Delta R.T. -0.194 min

Lab File: VN082936.D

Acq: 16 Jul 2024 15:17

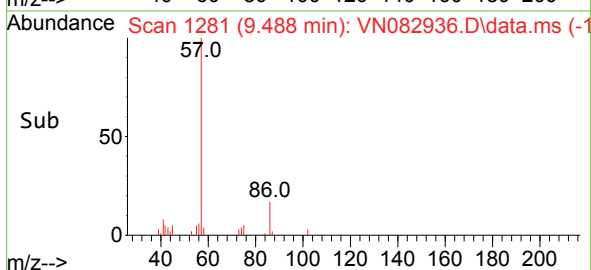
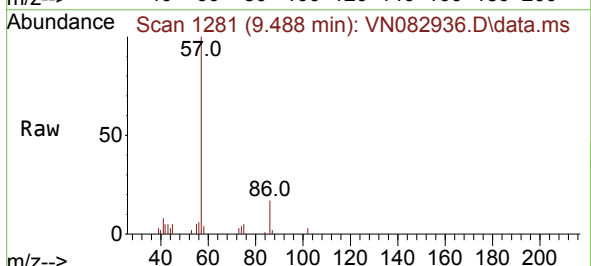
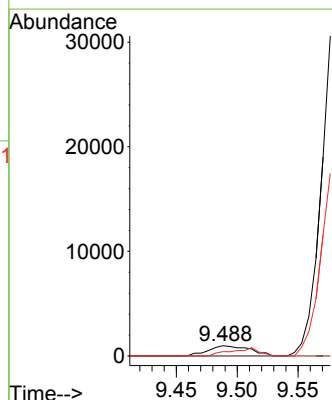
Tgt Ion: 41 Resp: 2312

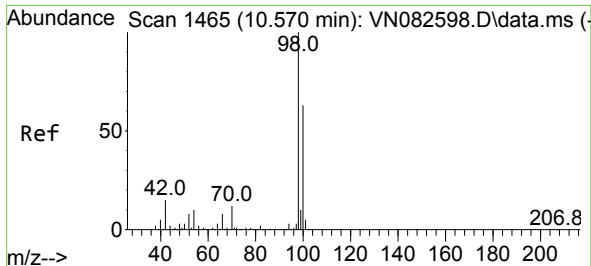
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 0.0 50.3 75.5#

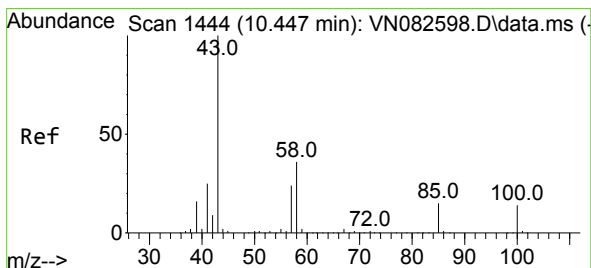
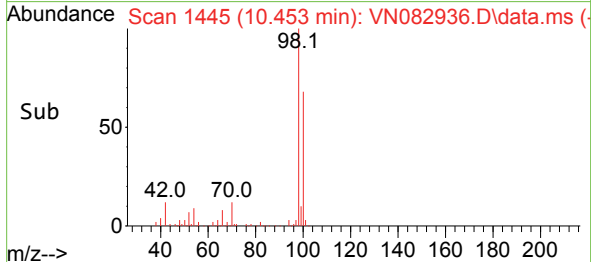
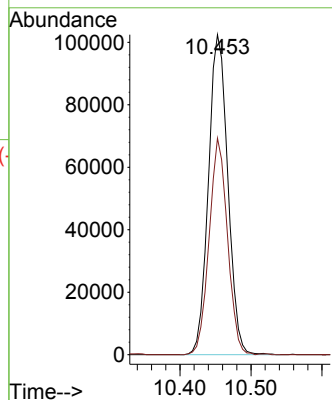
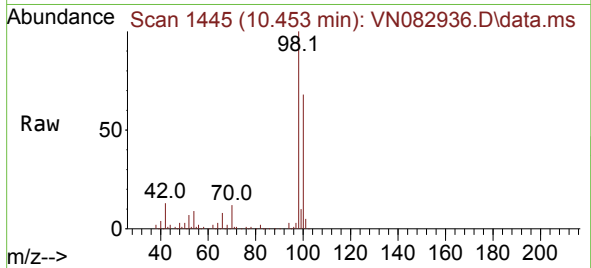




#50
Toluene-d8
Concen: 48.319 ug/l
RT: 10.453 min Scan# 1411
Delta R.T. -0.117 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

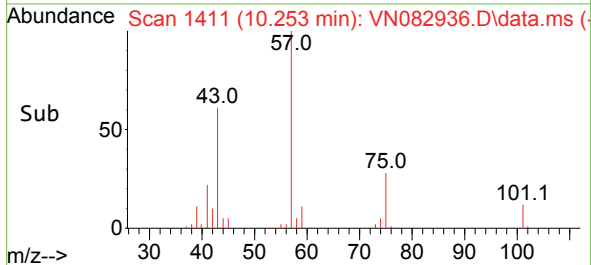
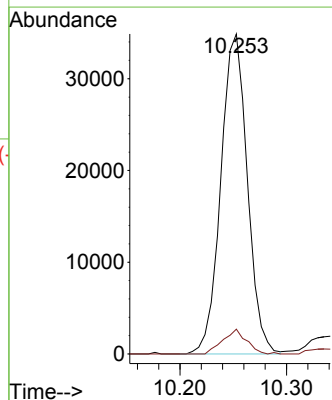
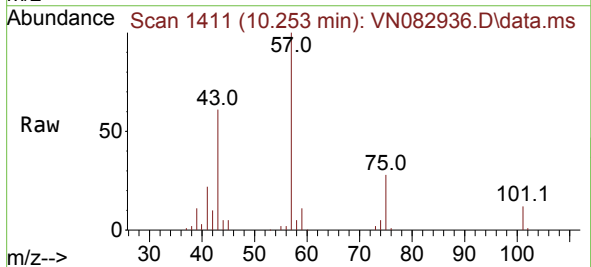
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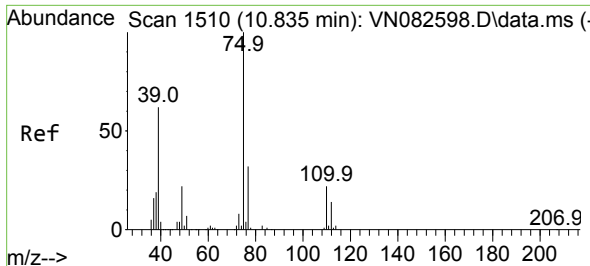
Tgt Ion: 98 Resp: 193799
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 39.927 ug/l
RT: 10.253 min Scan# 1411
Delta R.T. -0.194 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

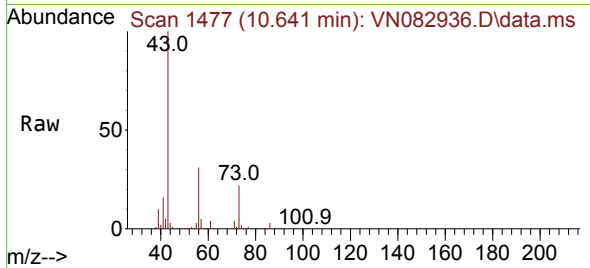
Tgt Ion: 43 Resp: 60335
Ion Ratio Lower Upper
43 100
58 6.9 28.2 42.4#



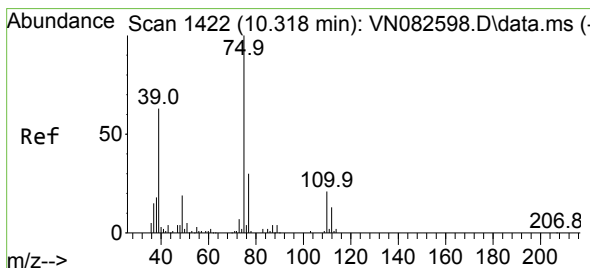
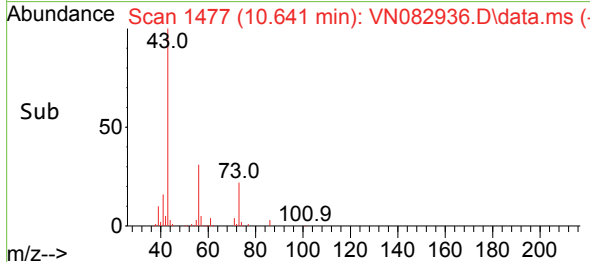
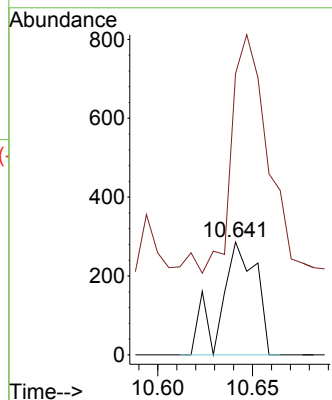


#53
 t-1,3-Dichloropropene
 Concen: 0.208 ug/l
 RT: 10.641 min Scan# 1411
 Delta R.T. -0.194 min
 Lab File: VN082936.D
 Acq: 16 Jul 2024 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162077TB

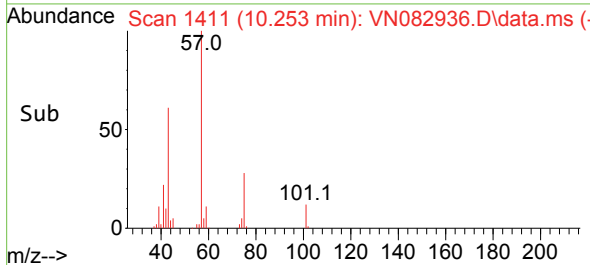
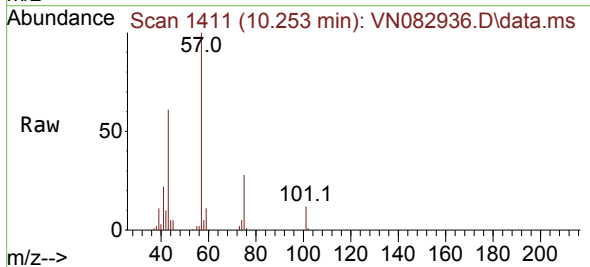
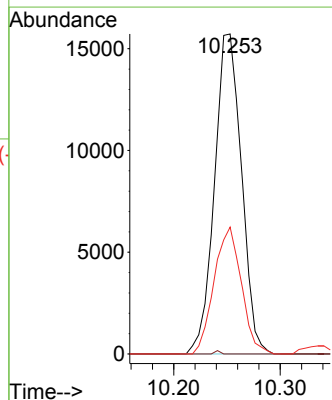


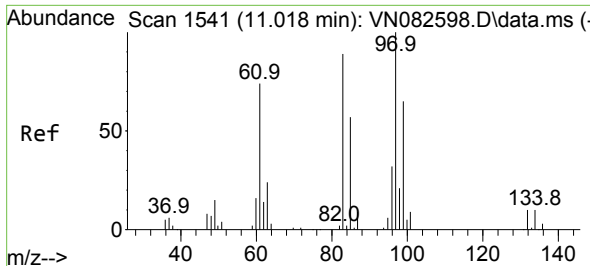
Tgt Ion: 75 Resp: 371
 Ion Ratio Lower Upper
 75 100
 77 171.7 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 14.664 ug/l
 RT: 10.253 min Scan# 1411
 Delta R.T. -0.065 min
 Lab File: VN082936.D
 Acq: 16 Jul 2024 15:17

Tgt Ion: 75 Resp: 27674
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 39.7 50.5 75.7#

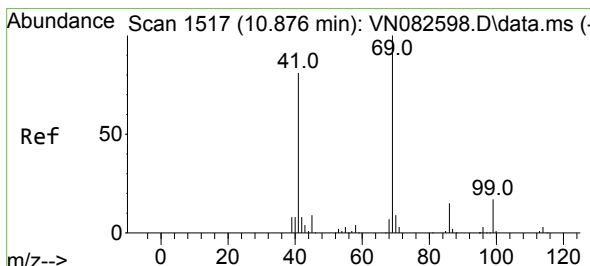
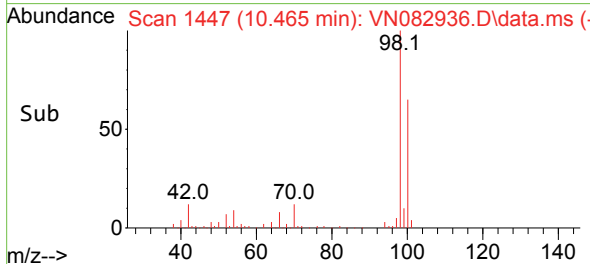
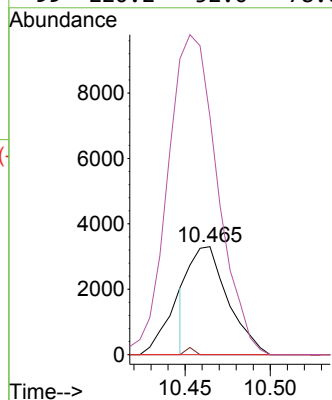
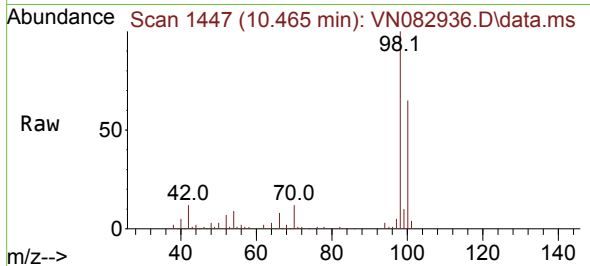




#55
1,1,2-Trichloroethane
Concen: 4.954 ug/l
RT: 10.465 min Scan# 1447
Delta R.T. -0.553 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

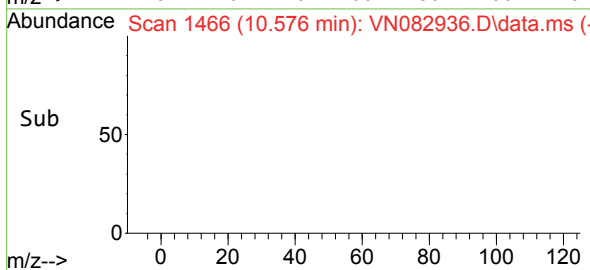
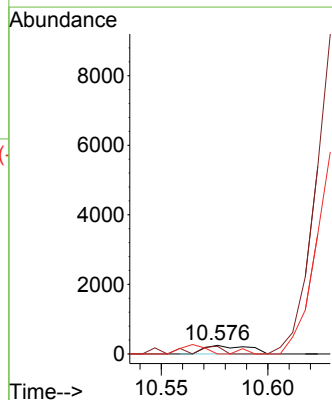
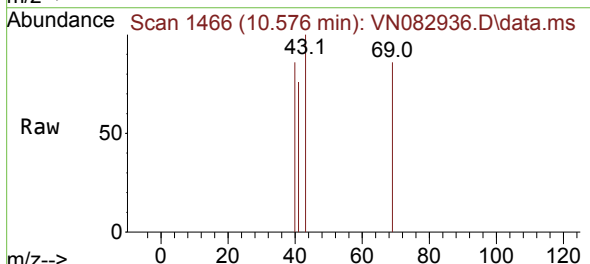
Instrument :
MSVOA_N
ClientSampleId :
PB162077TB

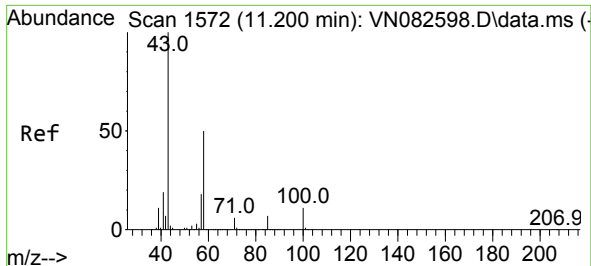
Tgt Ion: 97	Resp: 5241
Ion Ratio	Lower Upper
97 100	
83 0.0	71.4 107.0#
85 0.0	45.8 68.6#
99 220.2	52.0 78.0#



#56
Ethyl methacrylate
Concen: 0.213 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.300 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

Tgt Ion: 69	Resp: 350
Ion Ratio	Lower Upper
69 100	
41 0.0	63.4 95.2#
39 0.0	37.4 56.0#

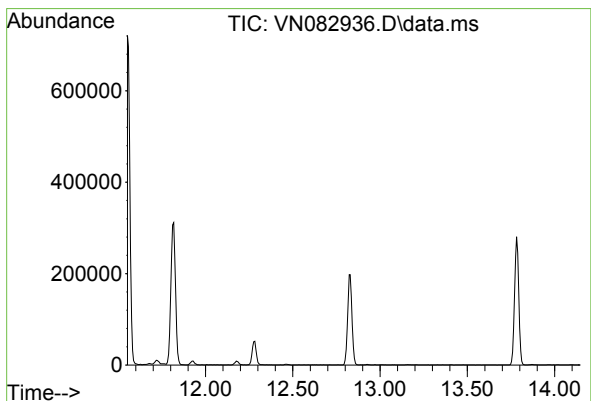
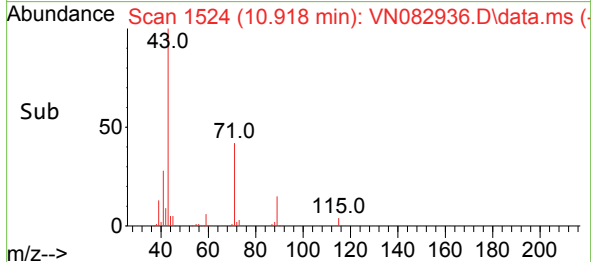
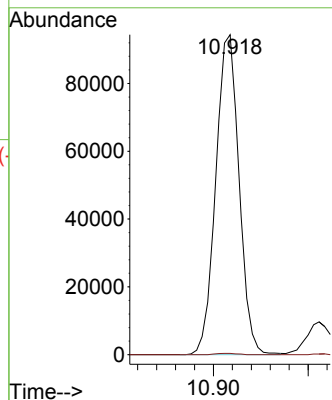
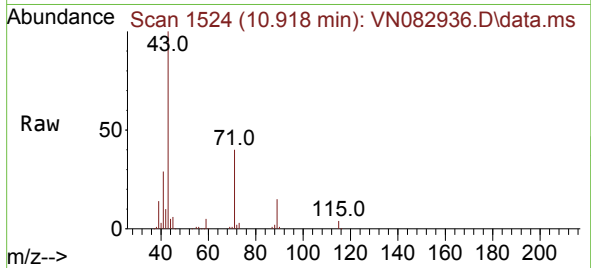




#59
2-Hexanone
Concen: 143.369 ug/l
RT: 10.918 min Scan# 1
Delta R.T. -0.282 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :
PB162077TB

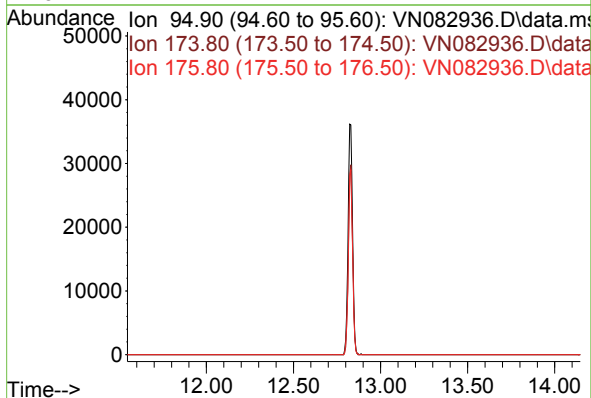
Tgt Ion: 43 Resp: 161076
Ion Ratio Lower Upper
43 100
58 0.4 24.6 73.8#



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

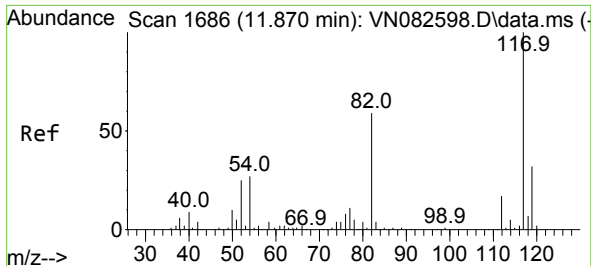
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

Tgt Ion: 95
Sig Exp Ratio
95 100
174 79.6
176 73.8



Ion 173.80 (173.50 to 174.50): VN082936.D\data.ms

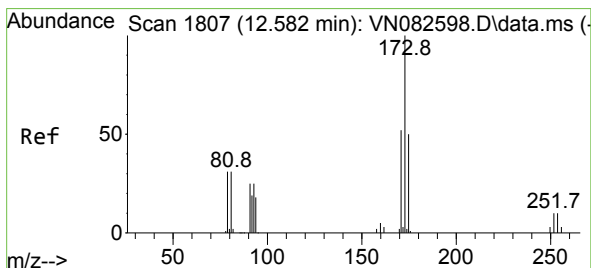
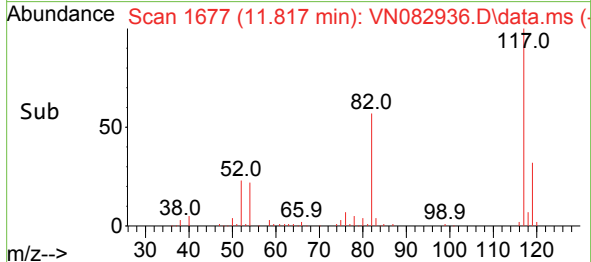
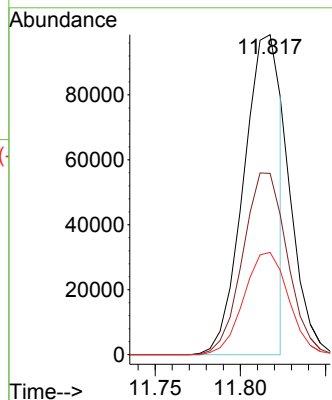
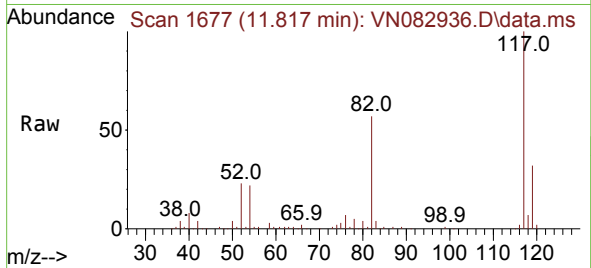
Ion 175.80 (175.50 to 176.50): VN082936.D\data.ms



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.817 min Scan# 117
Delta R.T. -0.053 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

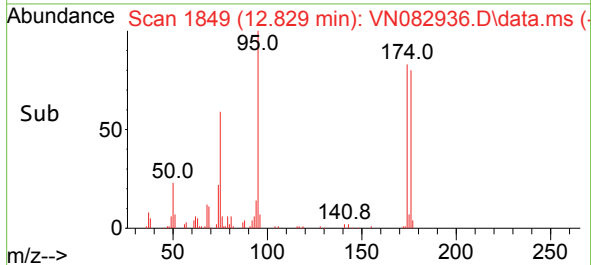
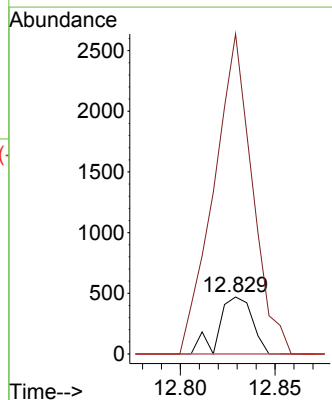
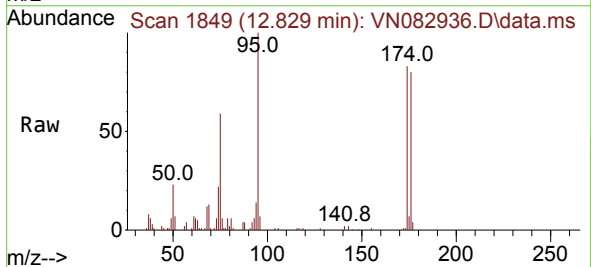
Instrument :
MSVOA_N
ClientSampleId :
PB162077TB

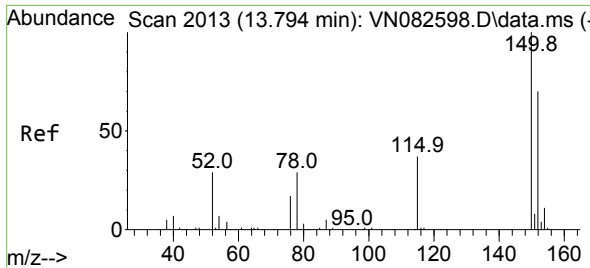
Tgt Ion:117 Resp: 149070
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 31.9 25.6 38.4



#71
Bromoform
Concen: 0.645 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.247 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

Tgt Ion:173 Resp: 576
Ion Ratio Lower Upper
173 100
175 648.1 24.0 72.0#
254 0.0 0.0 0.0

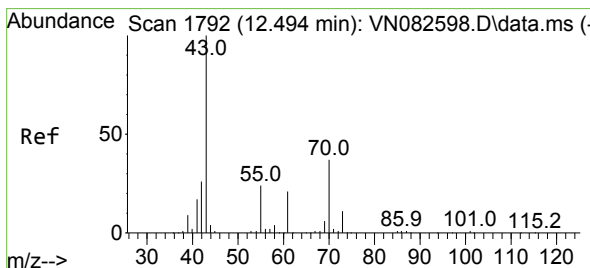
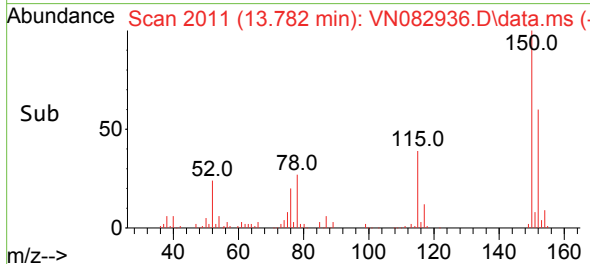
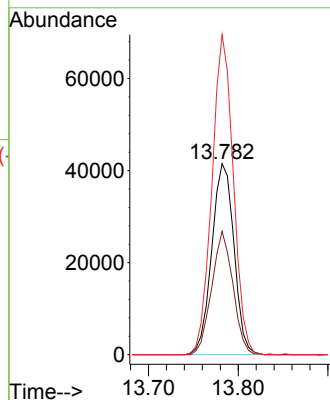
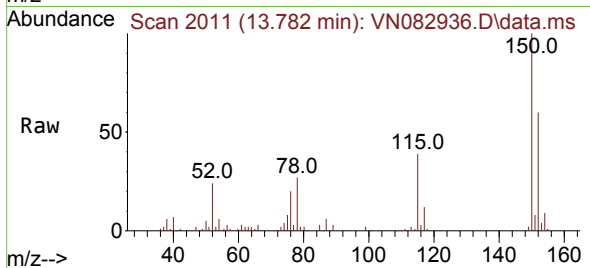




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.782 min Scan# 2013
Delta R.T. -0.012 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

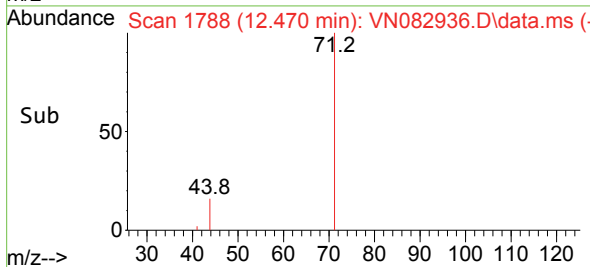
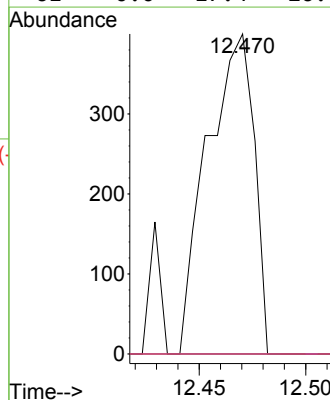
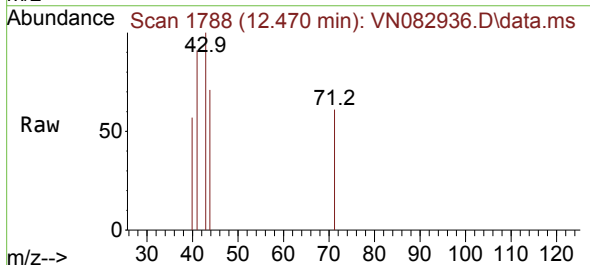
Instrument :
MSVOA_N
ClientSampleId :
PB162077TB

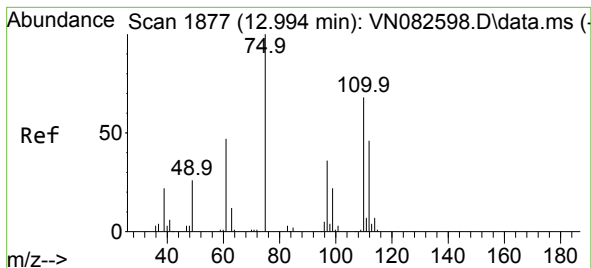
Tgt Ion:152 Resp: 71328
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.6
150 160.8 0.0 348.6



#74
N-ethyl acetate
Concen: 0.285 ug/l
RT: 12.470 min Scan# 1788
Delta R.T. -0.024 min
Lab File: VN082936.D
Acq: 16 Jul 2024 15:17

Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
70 0.0 29.8 44.6#
55 0.0 18.7 28.1#
61 0.0 17.4 26.0#





#76

1,2,3-Trichloropropane

Concen: 30.215 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. -0.171 min

Lab File: VN082936.D

Acq: 16 Jul 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

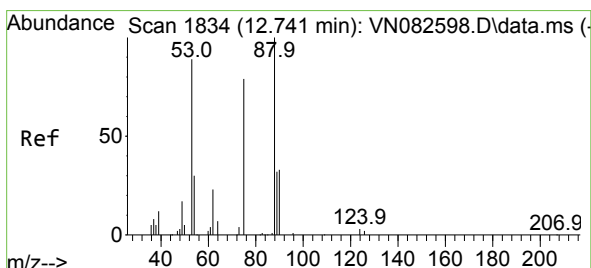
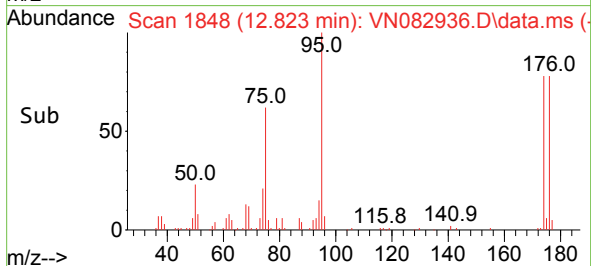
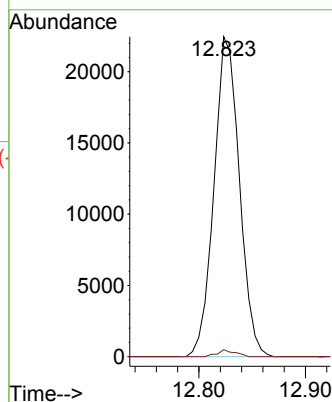
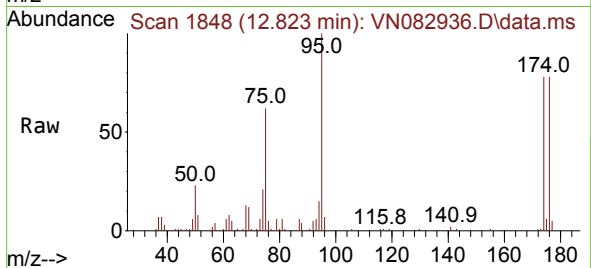
PB162077TB

Tgt Ion: 75 Resp: 37157

Ion Ratio Lower Upper

75 100

77 1.5 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.425 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. 0.082 min

Lab File: VN082936.D

Acq: 16 Jul 2024 15:17

Tgt Ion: 75 Resp: 37157

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

