

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083406.D
 Acq On : 20 Aug 2024 17:40
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 21 02:26:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

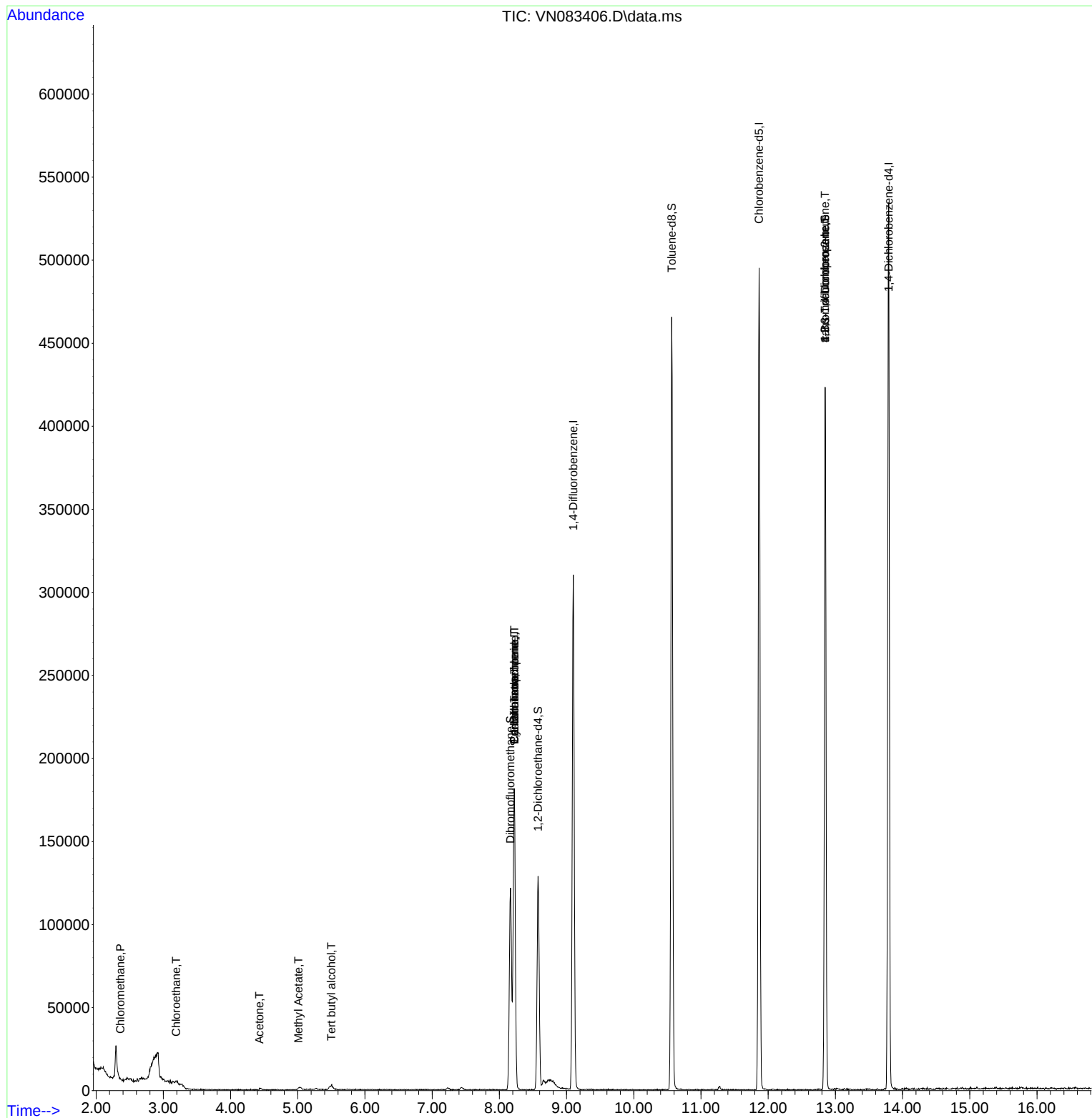
Internal Standards						
1) Pentafluorobenzene	8.224	168	124118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109754	62.124	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.240%	
35) Dibromofluoromethane	8.165	113	85926	53.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.720%	
50) Toluene-d8	10.565	98	312550	52.031	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.847	95	146209	62.432	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 124.860%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	510	0.354	ug/l #	43
6) Chloroethane	3.189	64	2671	2.904	ug/l #	41
11) Tert butyl alcohol	5.500	59	2950	8.035	ug/l #	71
16) Acetone	4.430	43	296	0.428	ug/l #	48
18) Methyl Acetate	5.012	43	1146	0.556	ug/l #	78
31) Cyclohexane	8.224	56	3087	1.179	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	11245	4.616	ug/l #	53
38) Carbon Tetrachloride	8.224	117	14019	5.109	ug/l #	18
43) Isopropyl Acetate	8.665	43	5083	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.847	75	81305	26.634	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81305	57.934	ug/l #	6

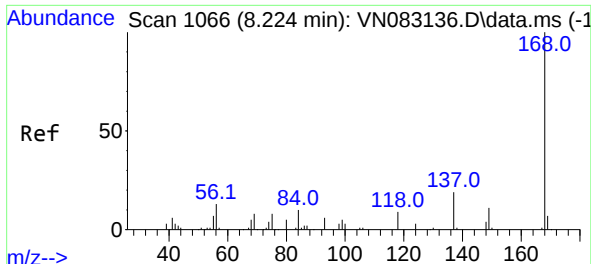
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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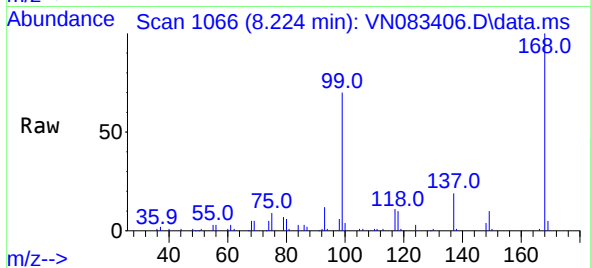
Quant Time: Aug 21 02:26:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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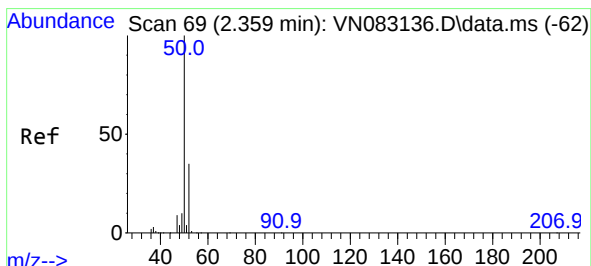
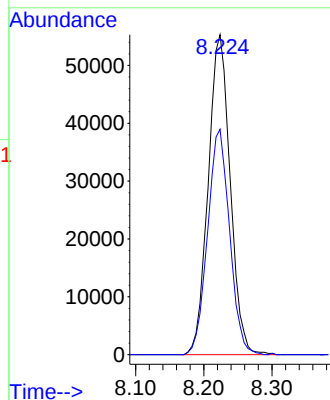
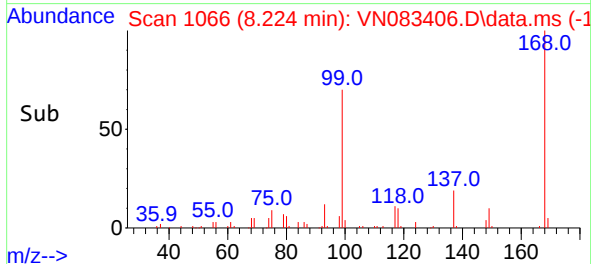


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

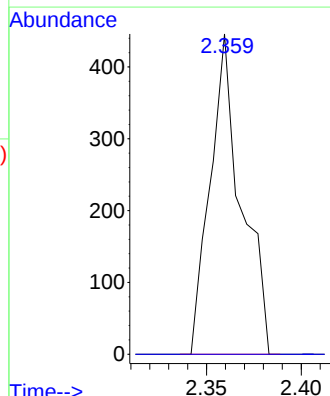
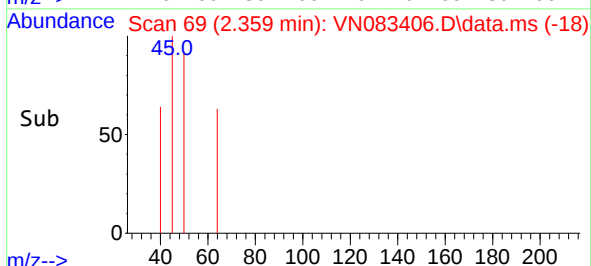
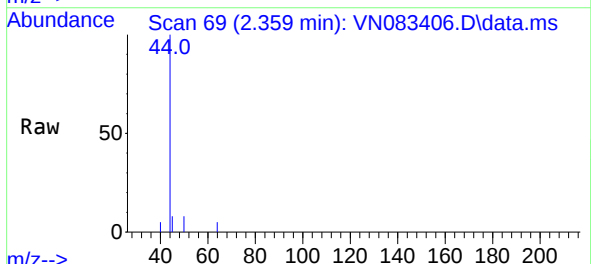


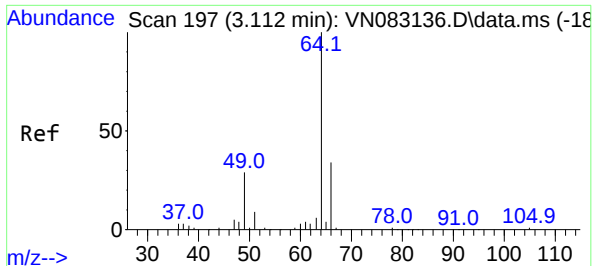
Tgt Ion:168 Resp: 124118
Ion Ratio Lower Upper
168 100
99 70.5 48.2 72.4



#3
Chloromethane
Concen: 0.354 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

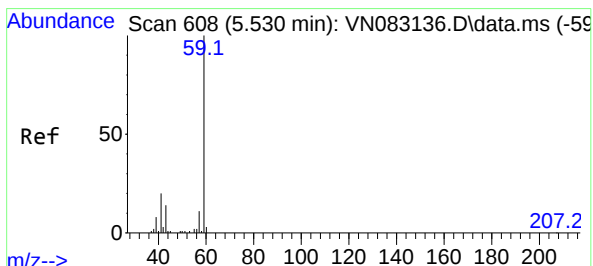
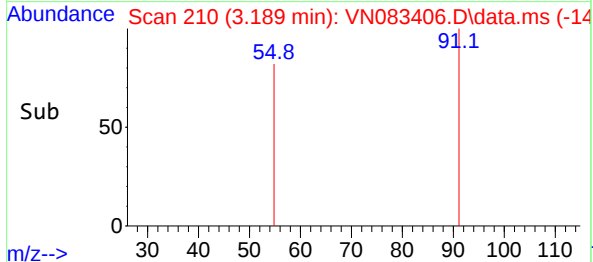
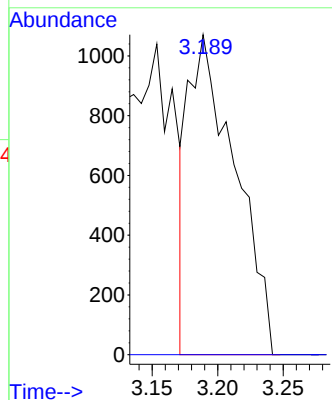
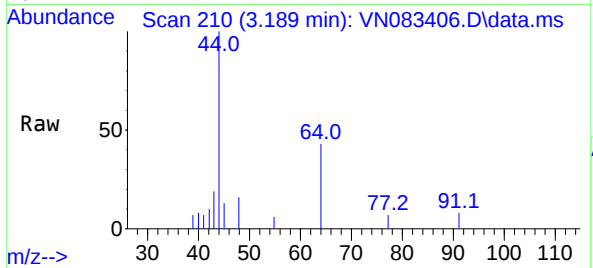




#6
Chloroethane
Concen: 2.904 ug/l
RT: 3.189 min Scan# 21
Delta R.T. 0.077 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

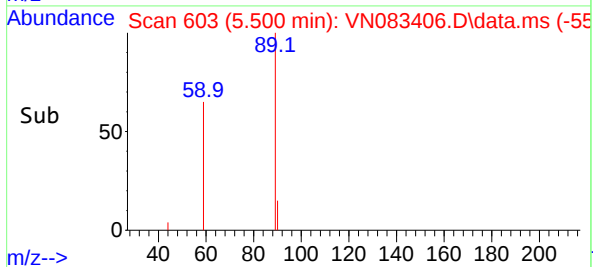
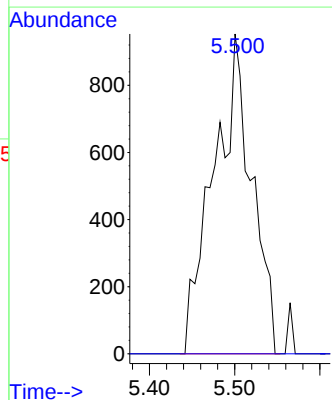
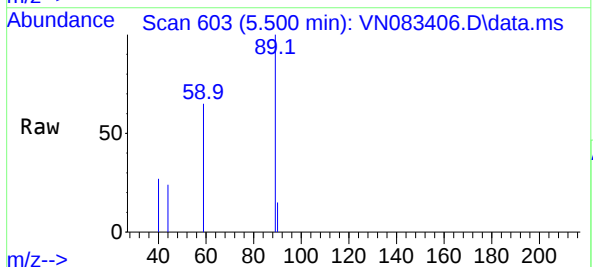
Instrument :
MSVOA_N
ClientSampleId :

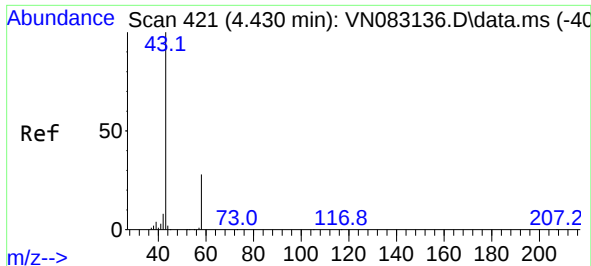
Tgt Ion: 64 Resp: 2671
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 8.035 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.029 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

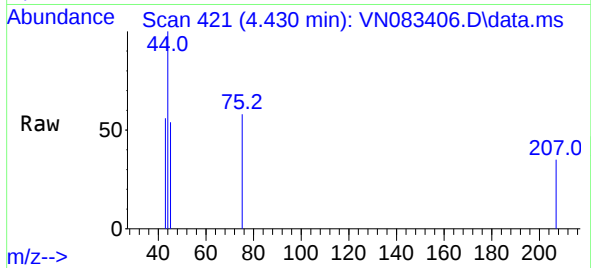
Tgt Ion: 59 Resp: 2950
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



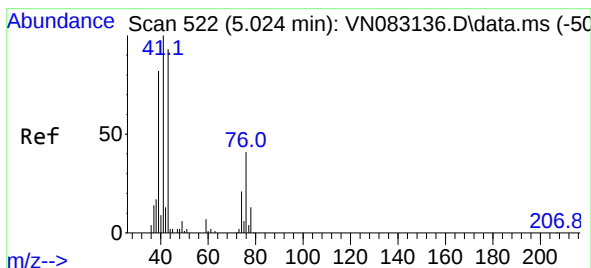
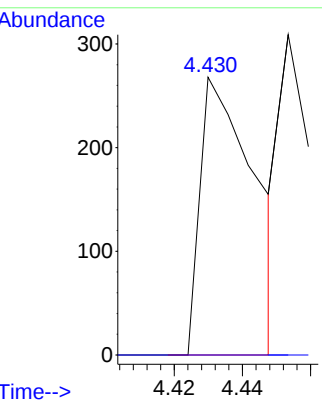
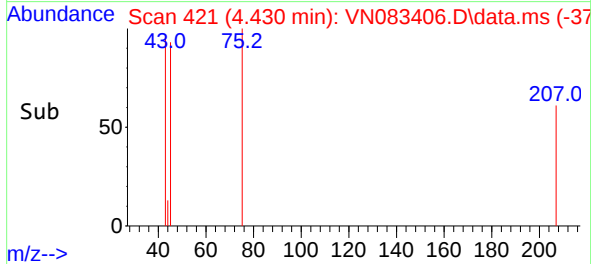


#16
Acetone
Concen: 0.428 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

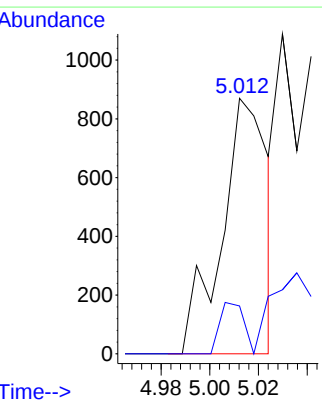
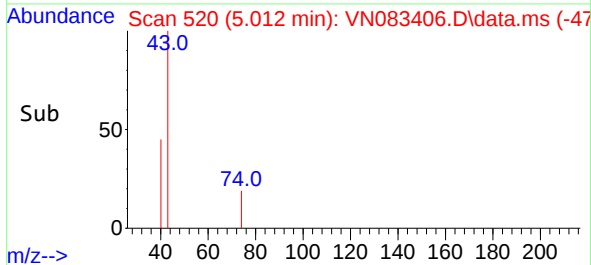
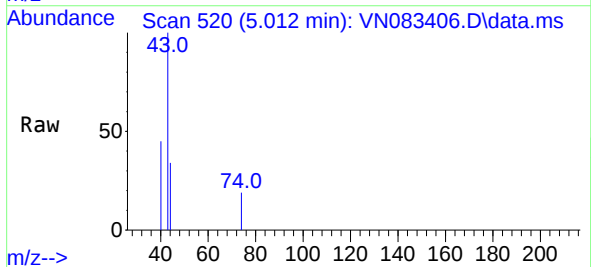


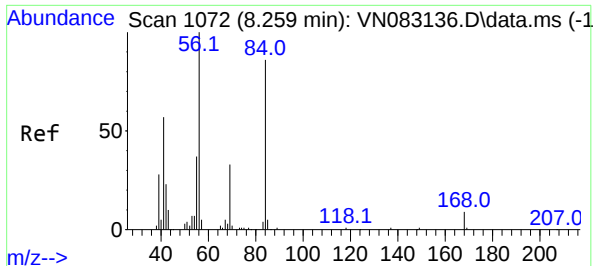
Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#18
Methyl Acetate
Concen: 0.556 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
74 10.4 16.3 24.5#





#31

Cyclohexane

Concen: 1.179 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

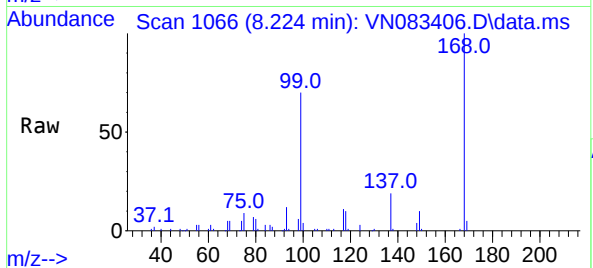
Lab File: VN083406.D

Acq: 20 Aug 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :



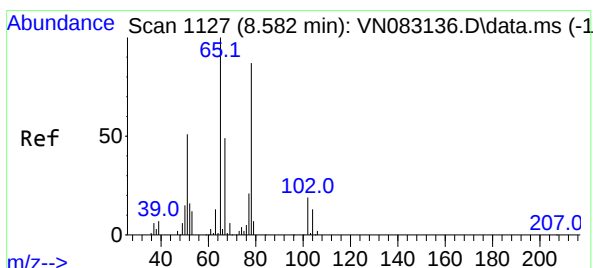
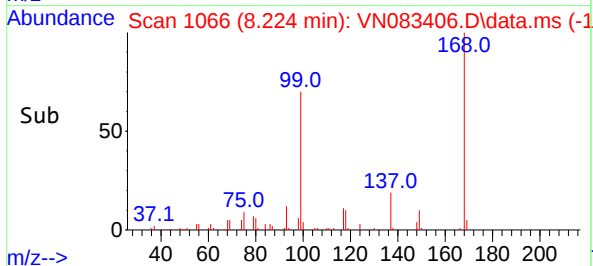
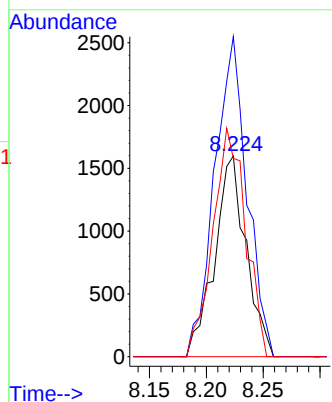
Tgt Ion: 56 Resp: 3087

Ion Ratio Lower Upper

56 100

69 159.4 24.5 36.7#

84 98.9 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 62.124 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083406.D

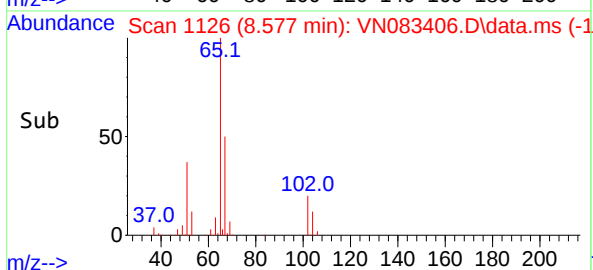
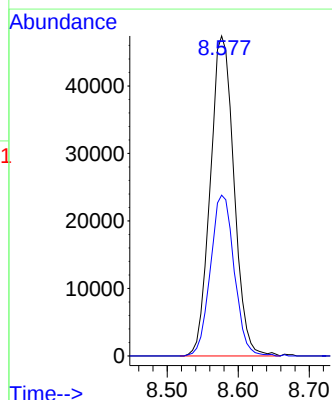
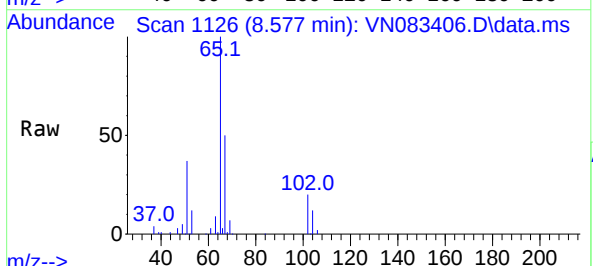
Acq: 20 Aug 2024 17:40

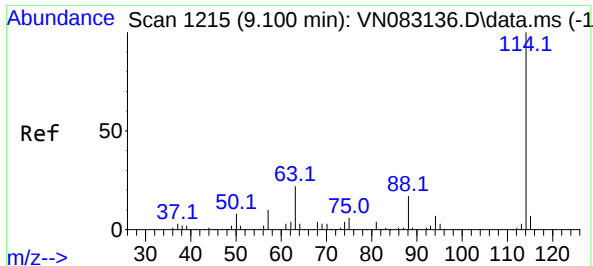
Tgt Ion: 65 Resp: 109754

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4

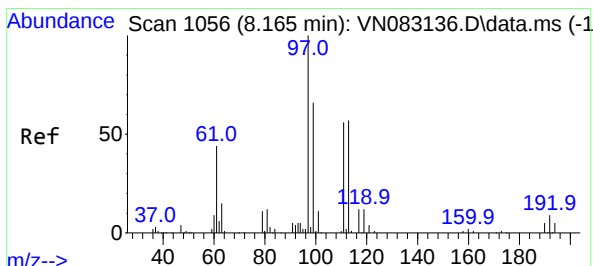
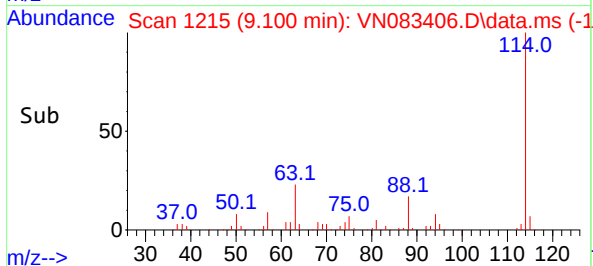
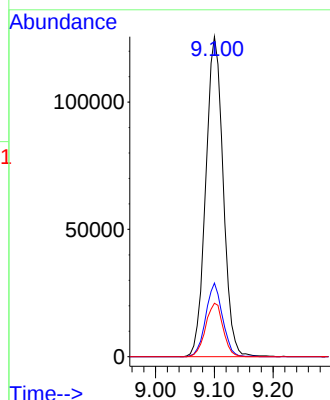
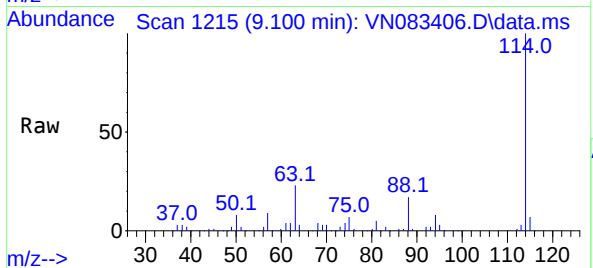




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

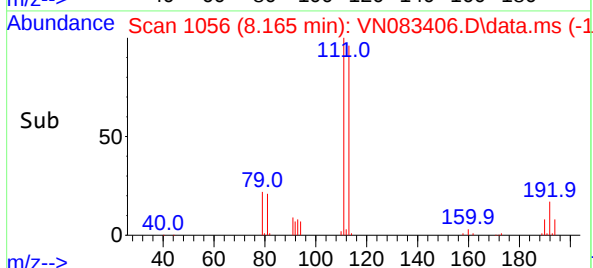
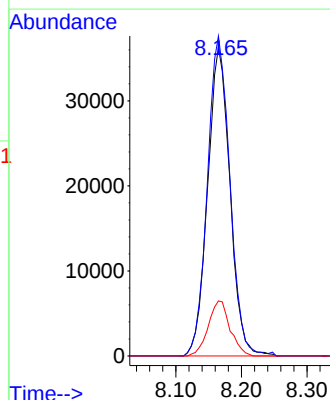
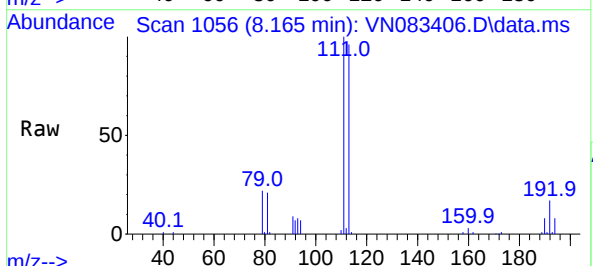
Instrument :
MSVOA_N
ClientSampleId :

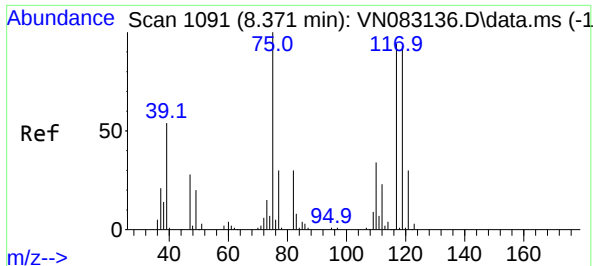
Tgt Ion:114 Resp: 257996
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.6
88 16.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.358 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Tgt Ion:113 Resp: 85926
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 17.4 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.616 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083406.D

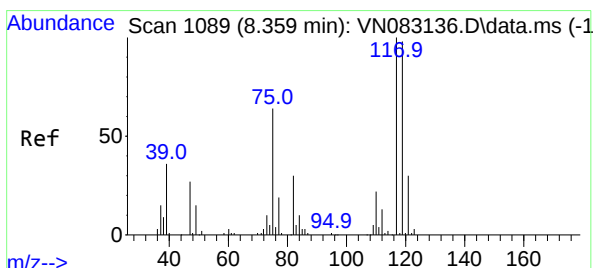
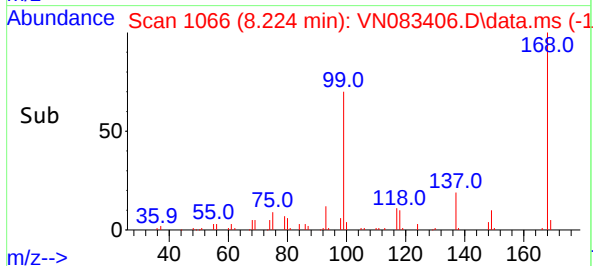
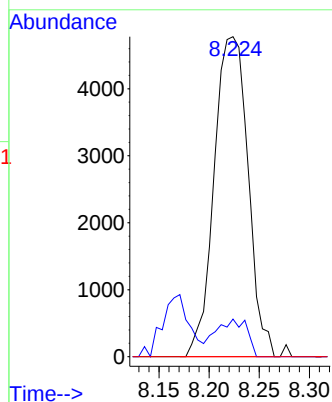
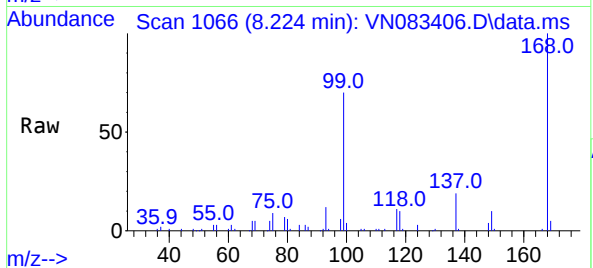
Acq: 20 Aug 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	11245
Ion	Ratio	Lower	Upper
75	100		
110	10.7	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.109 ug/l

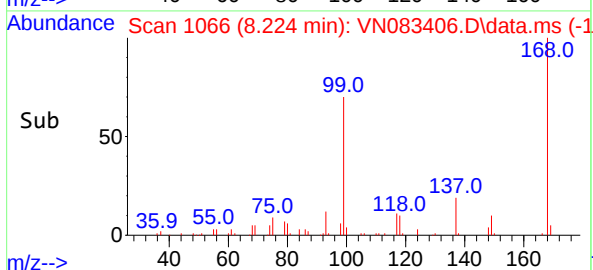
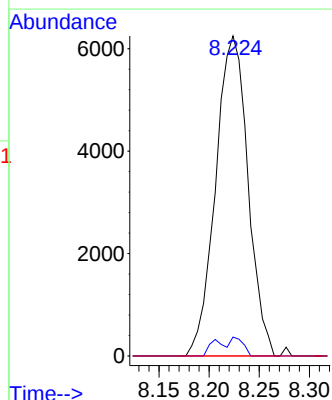
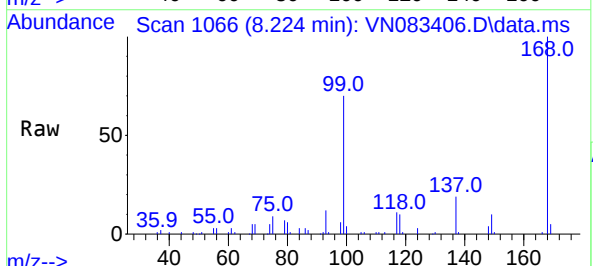
RT: 8.224 min Scan# 1066

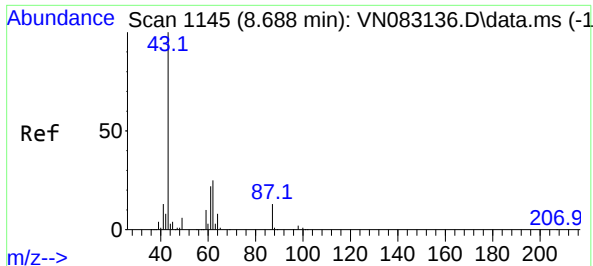
Delta R.T. -0.135 min

Lab File: VN083406.D

Acq: 20 Aug 2024 17:40

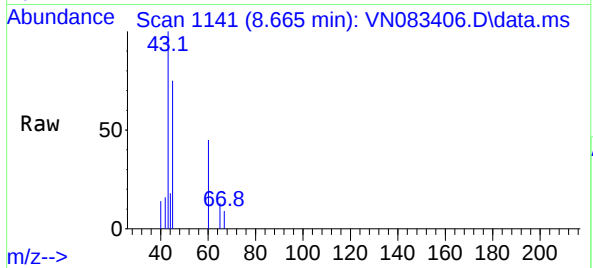
Tgt Ion:	117	Resp:	14019
Ion	Ratio	Lower	Upper
117	100		
119	5.9	74.9	112.3#
121	0.0	24.3	36.5#



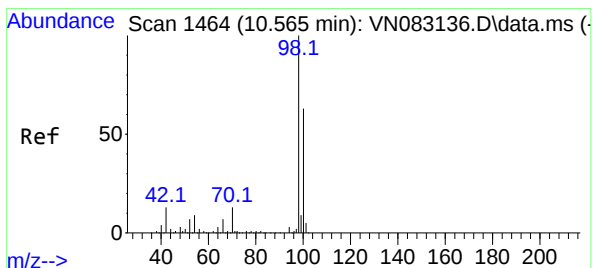
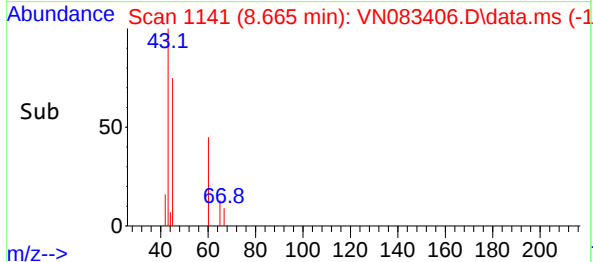
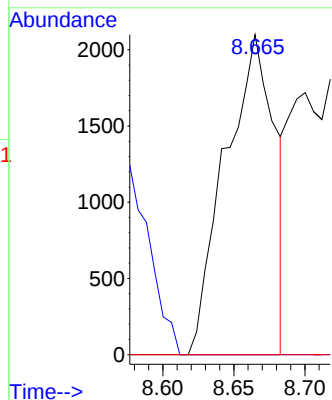


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1145
Delta R.T. -0.023 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

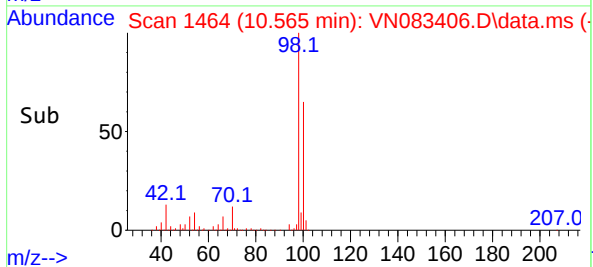
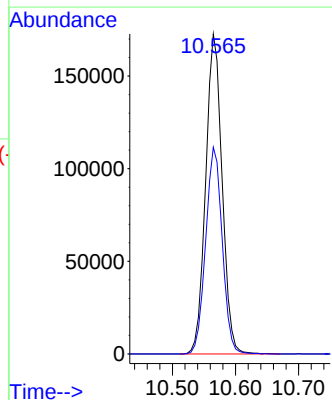
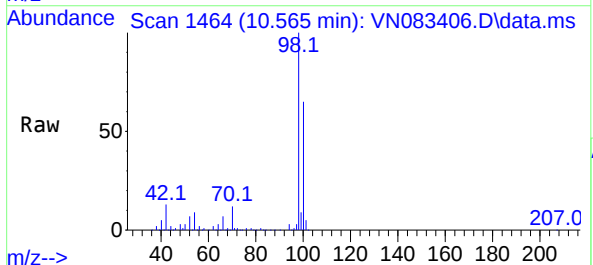


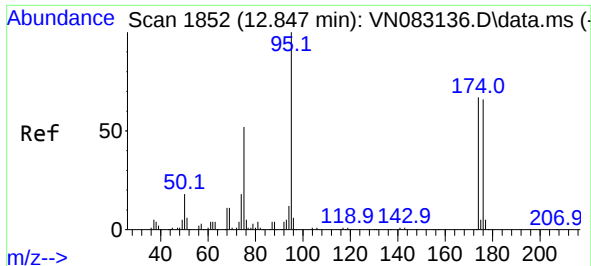
Tgt Ion: 43 Resp: 5083
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 52.031 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Tgt Ion: 98 Resp: 312550
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

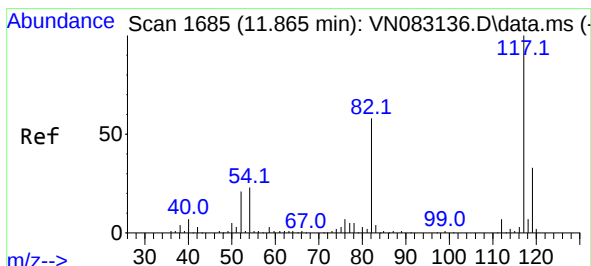
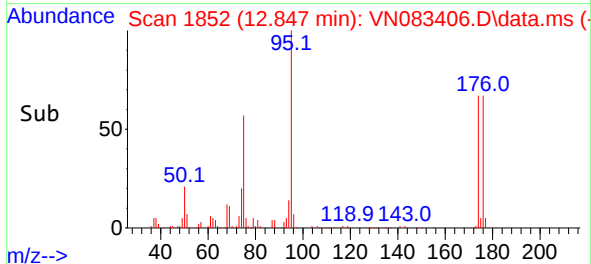
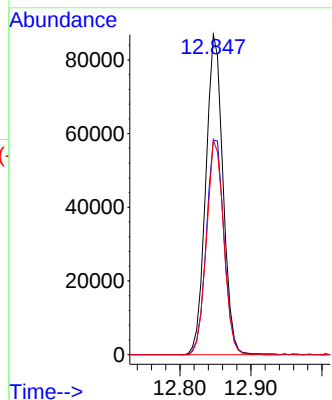
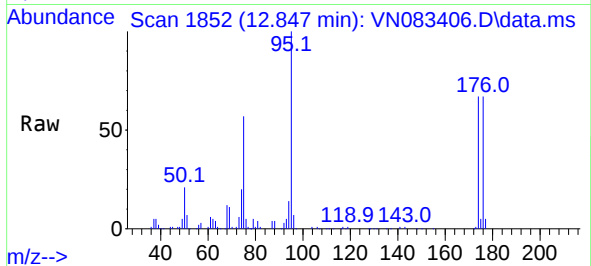




#62
4-Bromofluorobenzene
Concen: 62.432 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

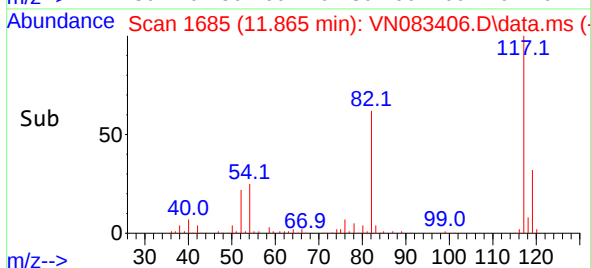
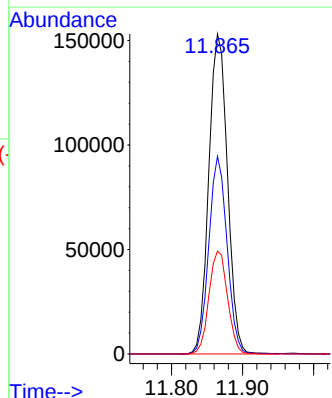
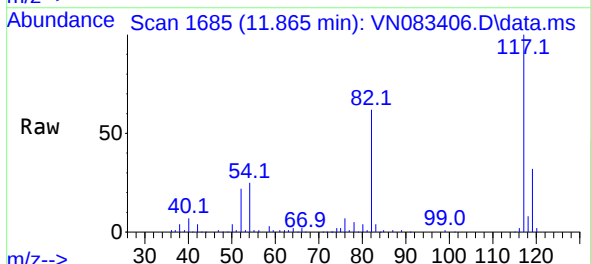
Instrument :
MSVOA_N
ClientSampleId :

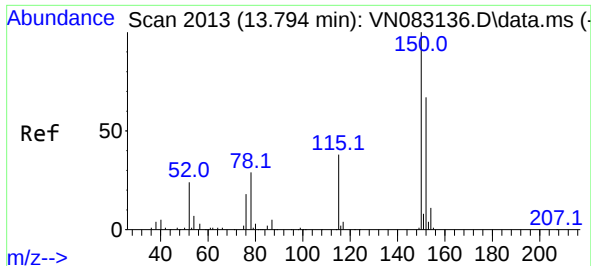
Tgt Ion: 95 Resp: 146209
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 66.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

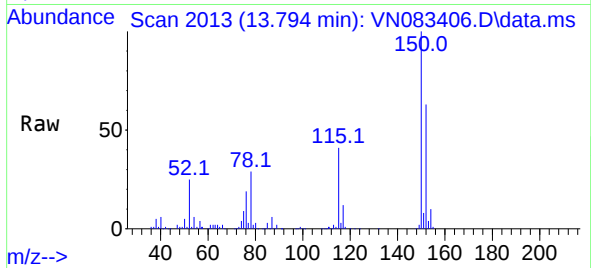
Tgt Ion: 117 Resp: 280331
Ion Ratio Lower Upper
117 100
82 61.7 47.5 71.3
119 32.2 25.6 38.4



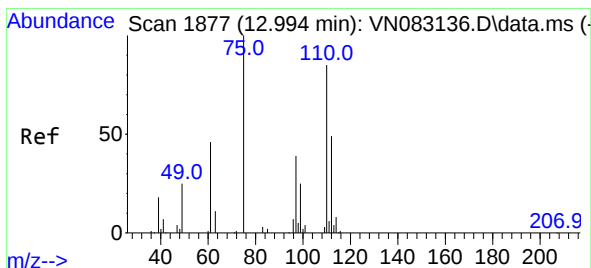
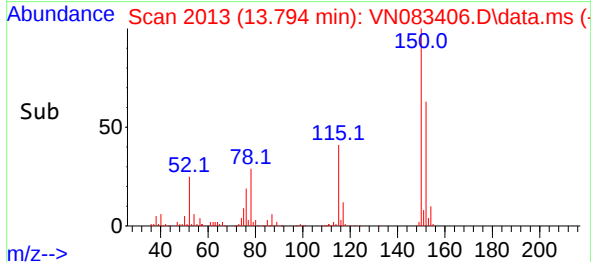
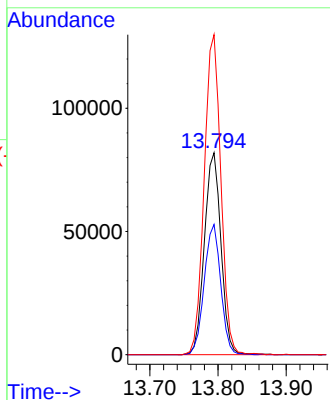


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

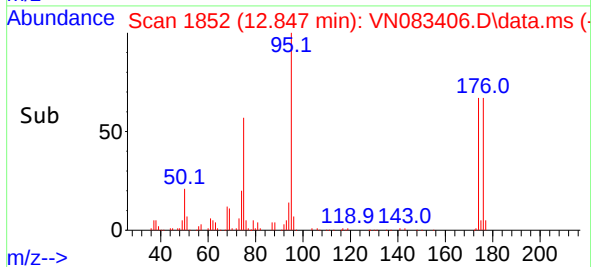
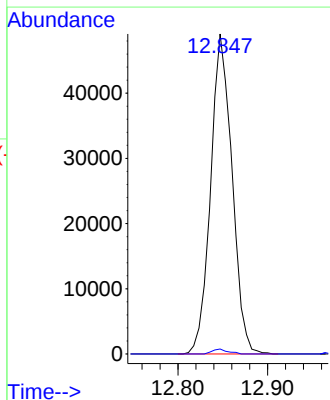
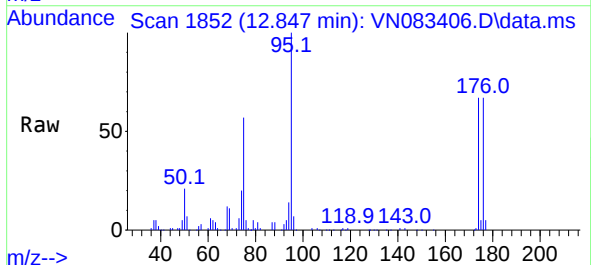


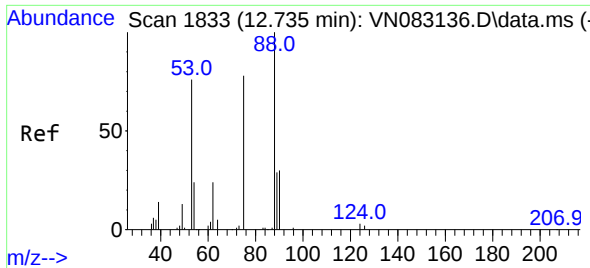
Tgt Ion:152 Resp: 139092
Ion Ratio Lower Upper
152 100
115 64.1 30.6 91.6
150 158.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 26.634 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

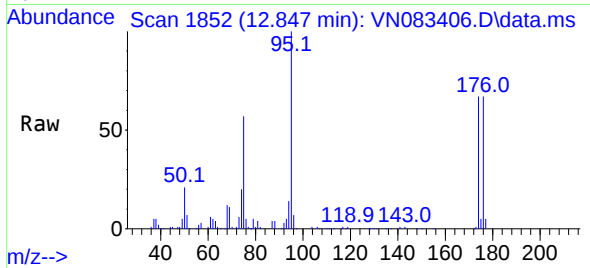
Tgt Ion: 75 Resp: 81305
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 57.934 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083406.D
Acq: 20 Aug 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 81305
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

