

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083340.D
 Acq On : 15 Aug 2024 18:50
 Operator : JC\MD
 Sample : P3623-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 16 03:59:17 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)

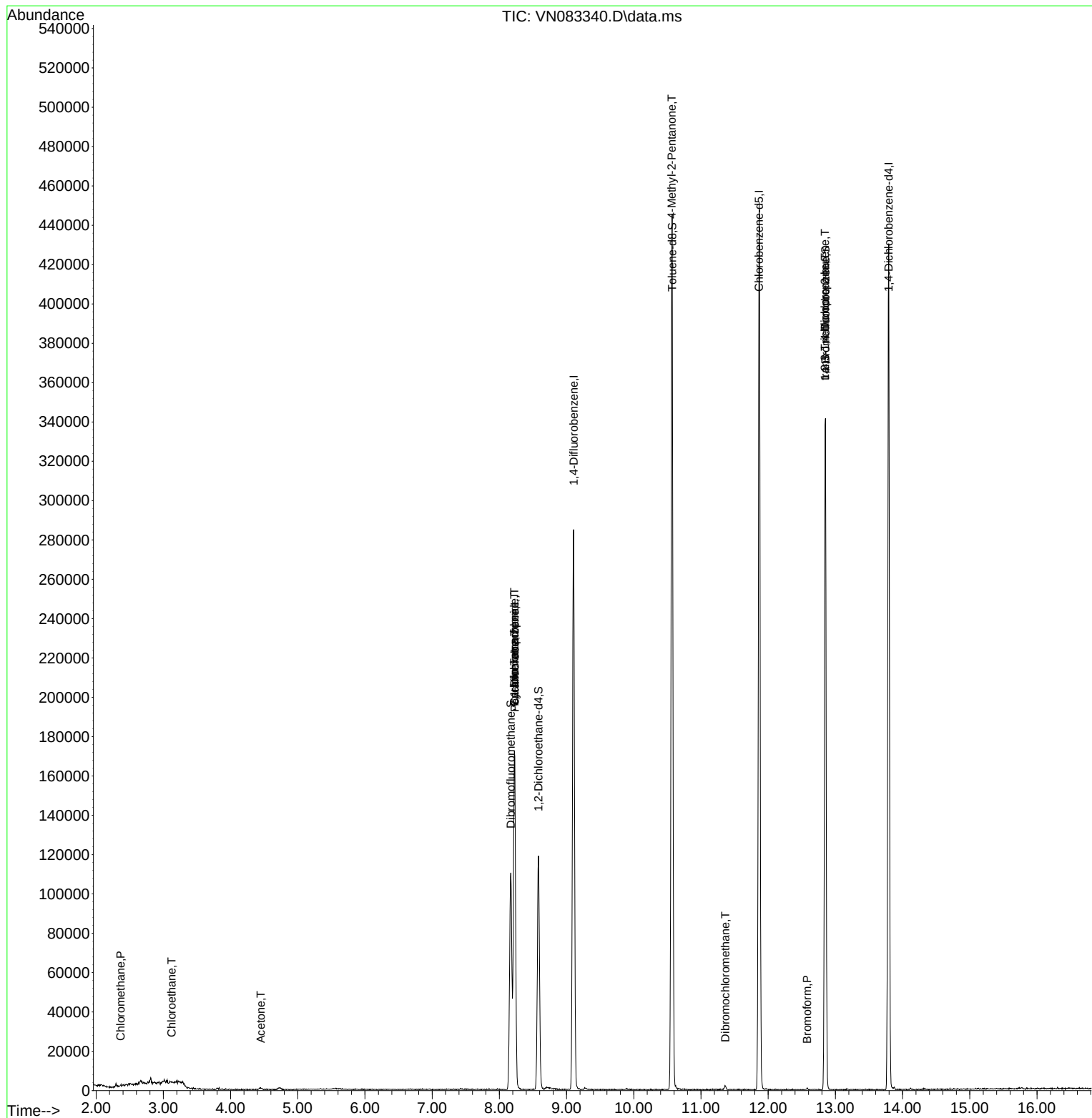
Internal Standards						
1) Pentafluorobenzene	8.230	168	120497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	100435	58.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.120%
35) Dibromofluoromethane	8.171	113	80844	54.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.560%
50) Toluene-d8	10.571	98	302349	54.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.853	95	121706	56.194	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	453	0.324	ug/l #	43
6) Chloroethane	3.124	64	686	0.768	ug/l #	41
16) Acetone	4.448	43	1897	2.827	ug/l	90
31) Cyclohexane	8.224	56	3428	1.349	ug/l #	32
36) 1,1-Dichloropropene	8.224	75	11296	5.014	ug/l #	54
38) Carbon Tetrachloride	8.224	117	13045	5.141	ug/l #	18
43) Isopropyl Acetate	8.694	43	443	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1560	0.654	ug/l #	1
60) Dibromochloromethane	11.365	129	1247	0.679	ug/l	96
71) Bromoform	12.582	173	570	0.383	ug/l #	65
76) 1,2,3-Trichloropropane	12.847	75	66194	27.286	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66194	59.354	ug/l #	6

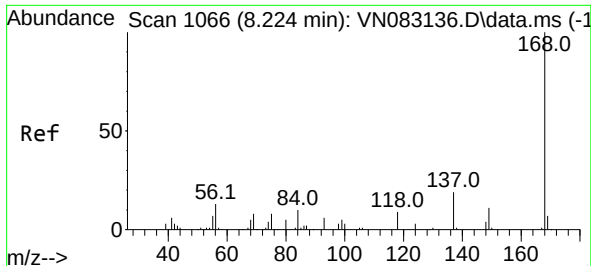
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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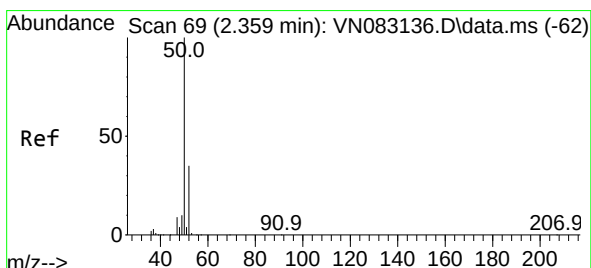
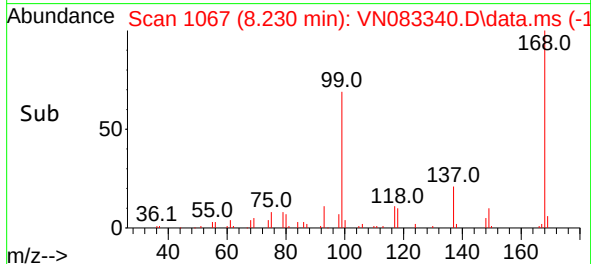
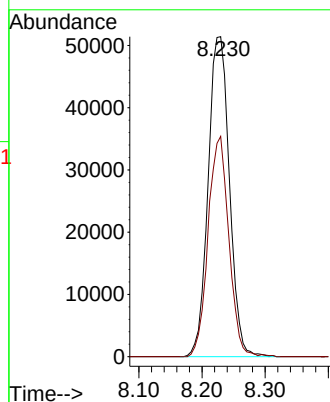
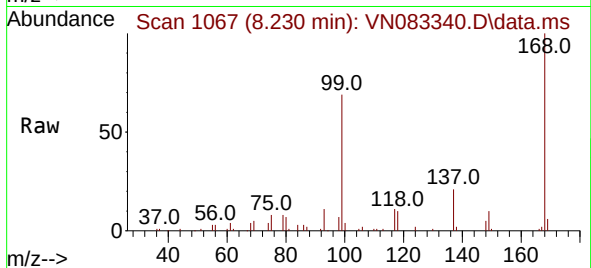




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

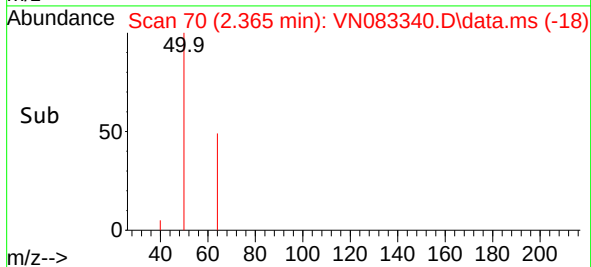
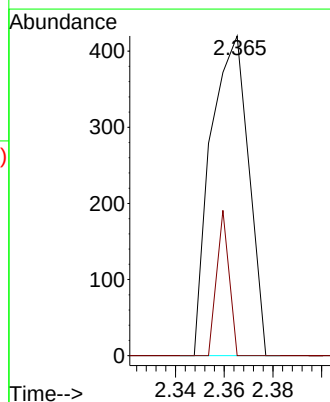
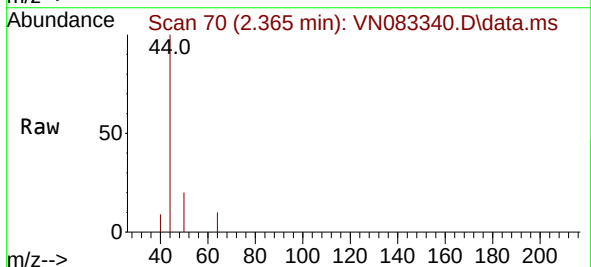
Instrument :
MSVOA_N
ClientSampleId :

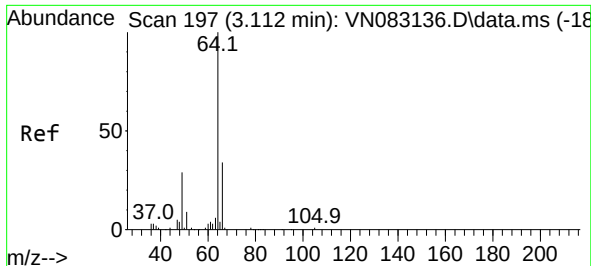
Tgt Ion:168 Resp: 120497
Ion Ratio Lower Upper
168 100
99 68.8 48.2 72.4



#3
Chloromethane
Concen: 0.324 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion: 50 Resp: 453
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

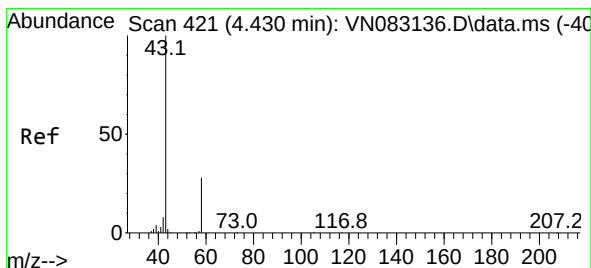
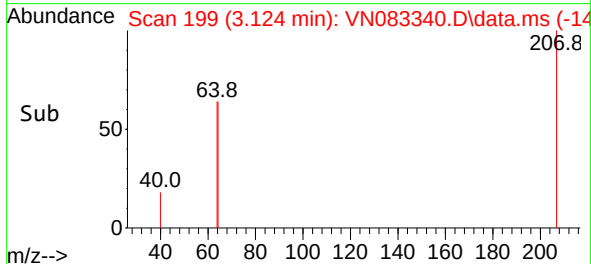
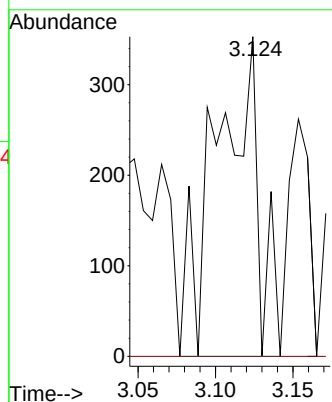
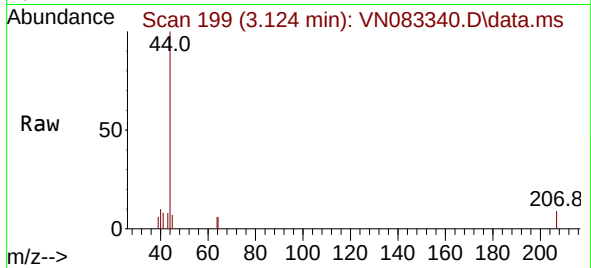




#6
Chloroethane
Concen: 0.768 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

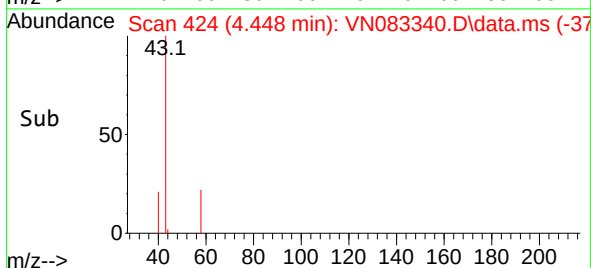
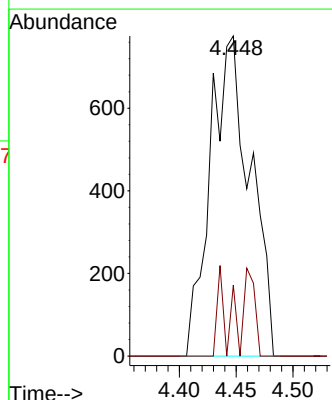
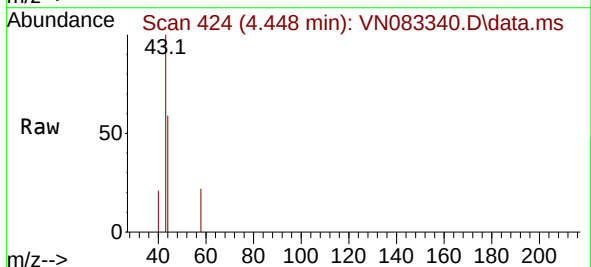
Instrument :
MSVOA_N
ClientSampleId :

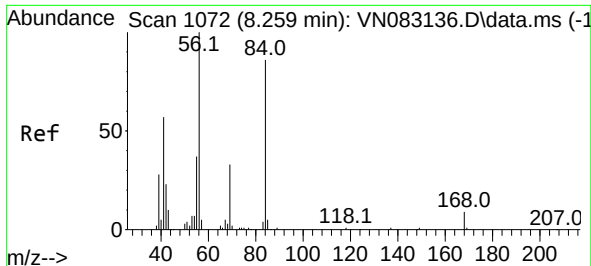
Tgt Ion: 64 Resp: 686
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 2.827 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

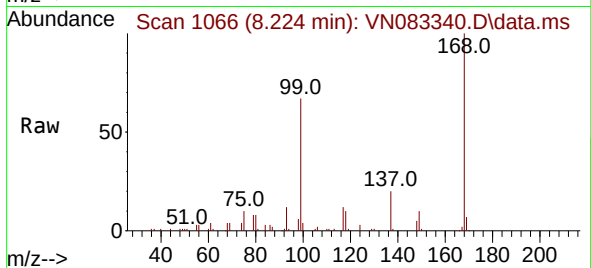
Tgt Ion: 43 Resp: 1897
Ion Ratio Lower Upper
43 100
58 22.2 21.8 32.6



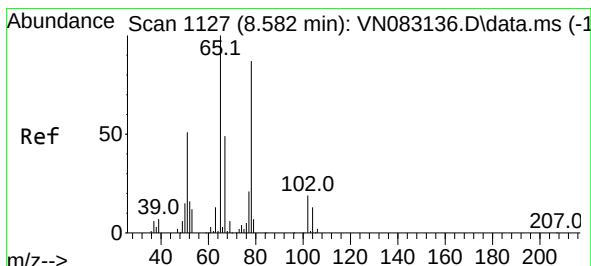
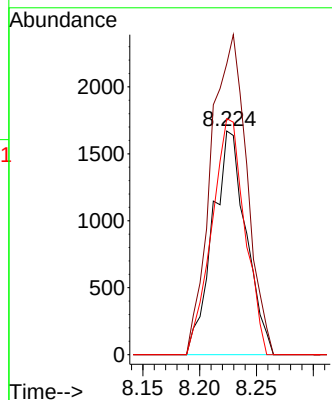
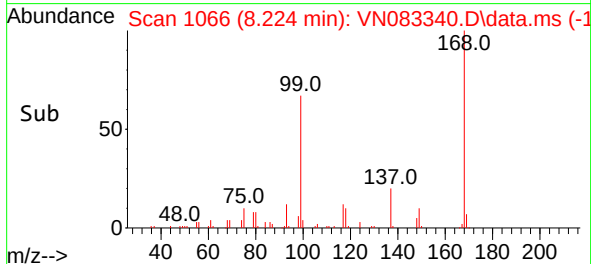


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :

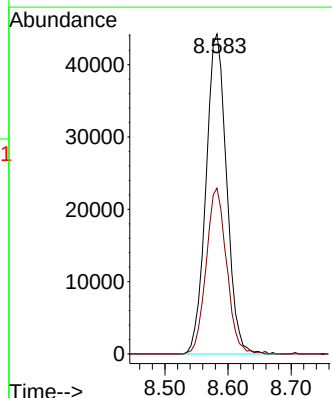
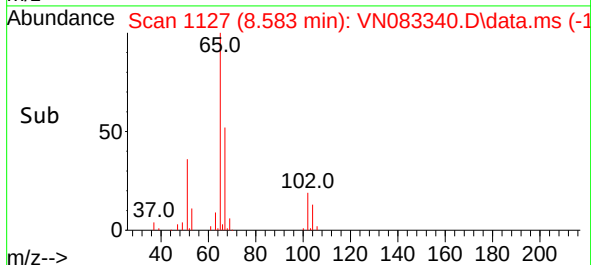
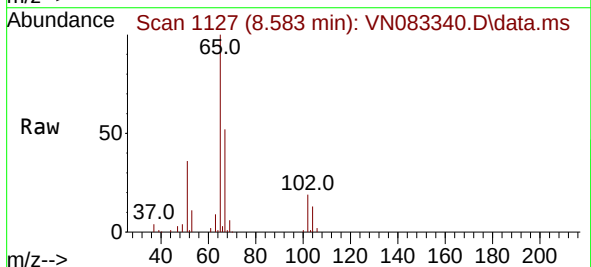


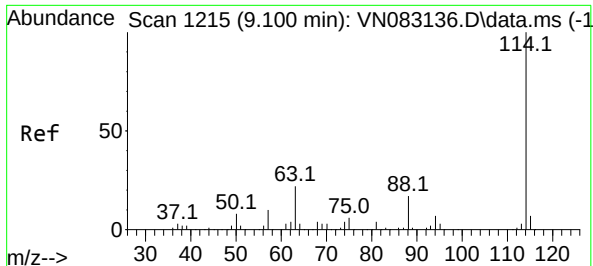
Tgt Ion: 56 Resp: 3428
Ion Ratio Lower Upper
56 100
69 130.1 24.5 36.7#
84 105.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.558 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion: 65 Resp: 100435
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083340.D

Acq: 15 Aug 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

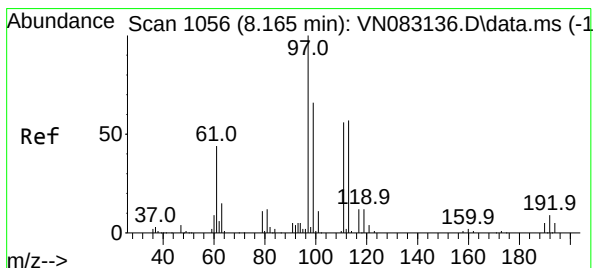
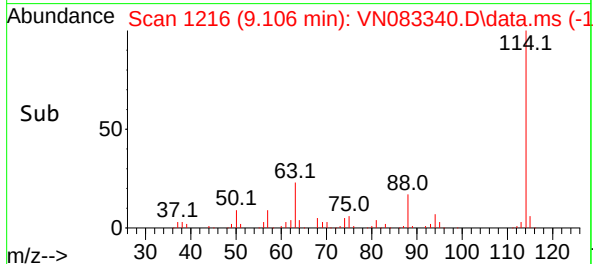
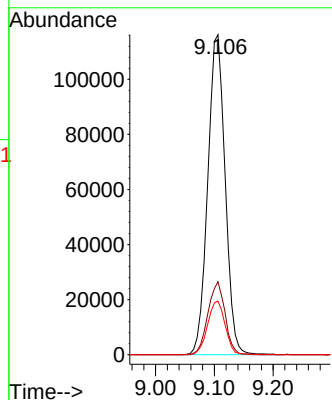
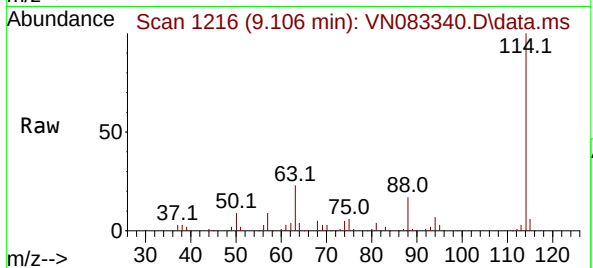
Tgt Ion:114 Resp: 238601

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.283 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083340.D

Acq: 15 Aug 2024 18:50

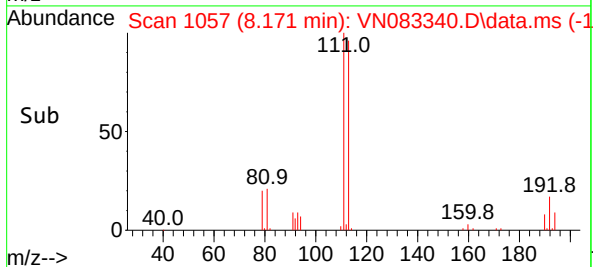
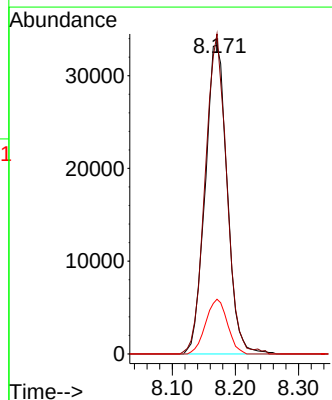
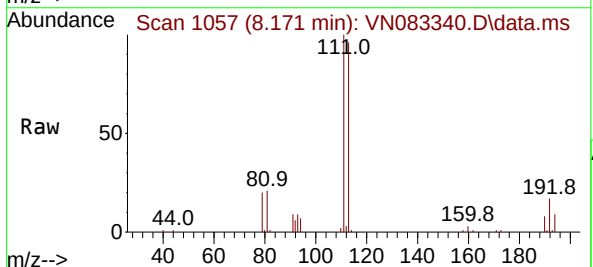
Tgt Ion:113 Resp: 80844

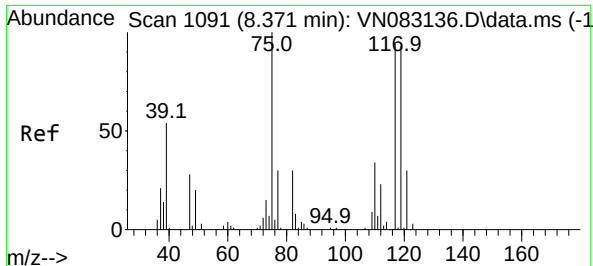
Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

192 17.4 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.014 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083340.D

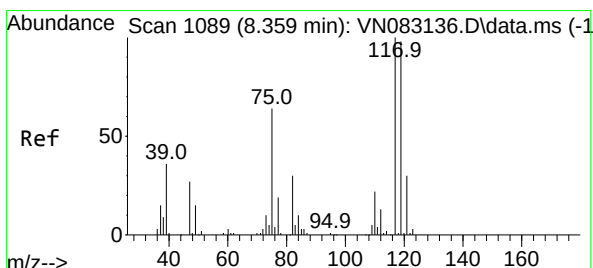
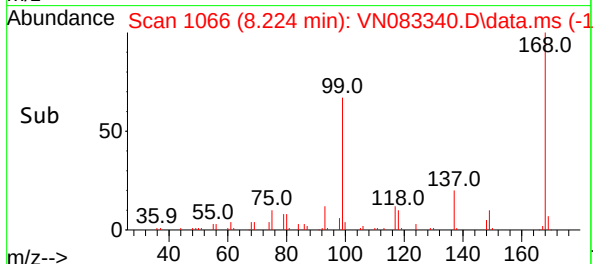
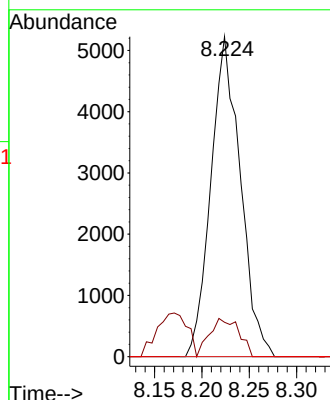
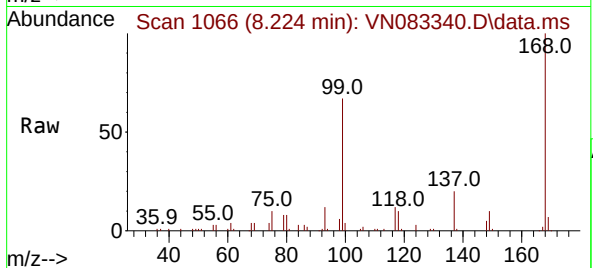
Acq: 15 Aug 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	11296
Ion	Ratio	Lower	Upper
75	100		
110	12.0	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.141 ug/l

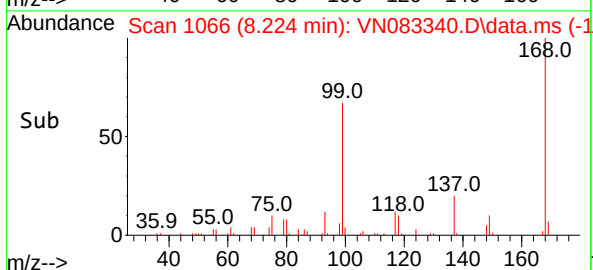
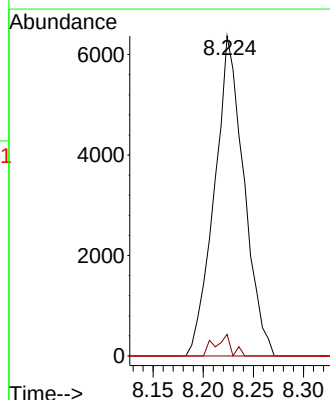
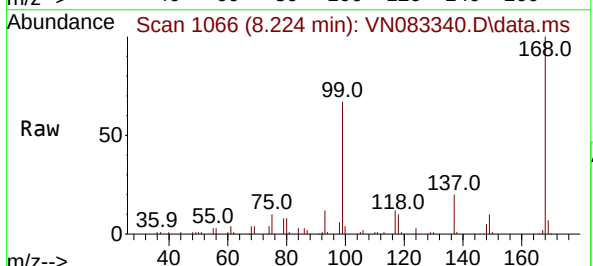
RT: 8.224 min Scan# 1066

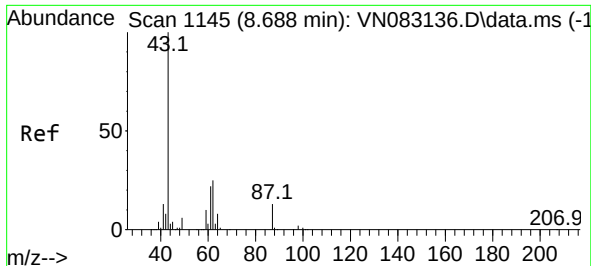
Delta R.T. -0.135 min

Lab File: VN083340.D

Acq: 15 Aug 2024 18:50

Tgt Ion:	117	Resp:	13045
Ion	Ratio	Lower	Upper
117	100		
119	6.7	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

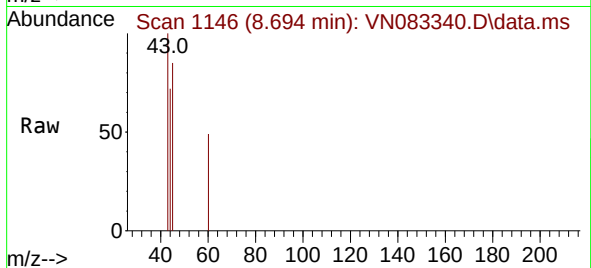
Lab File: VN083340.D

Acq: 15 Aug 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :



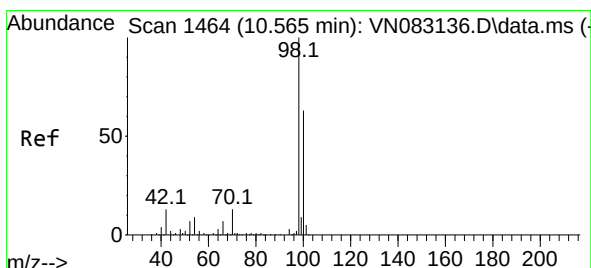
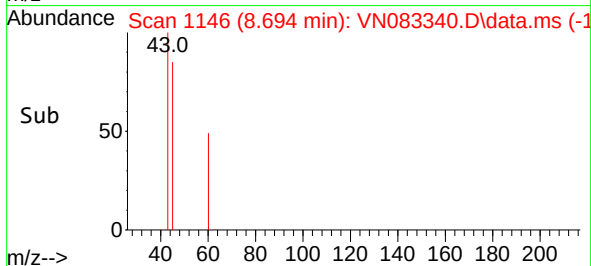
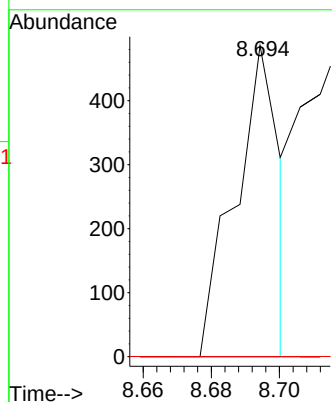
Tgt Ion: 43 Resp: 443

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 54.424 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083340.D

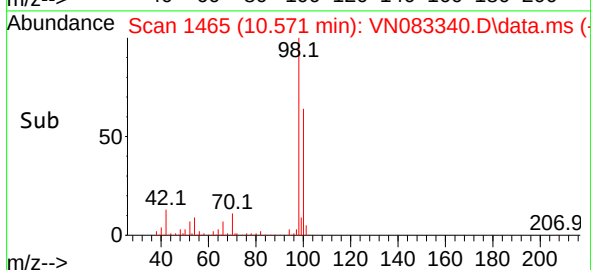
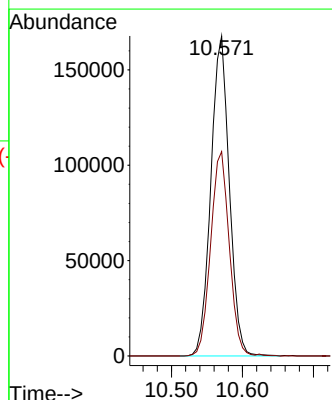
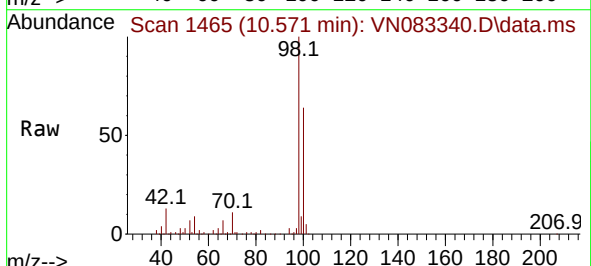
Acq: 15 Aug 2024 18:50

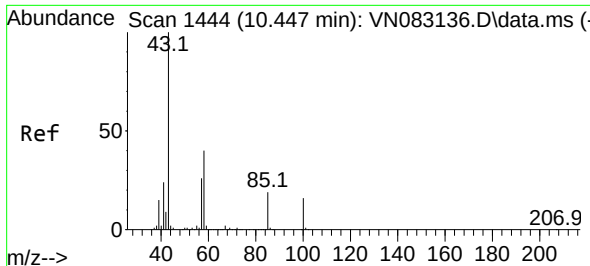
Tgt Ion: 98 Resp: 302349

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3

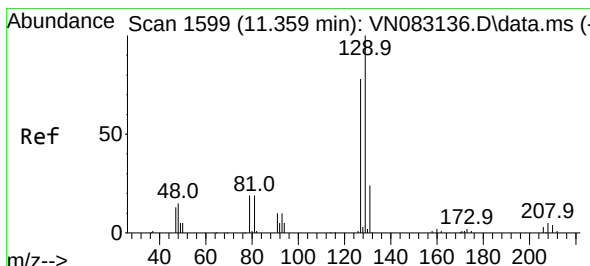
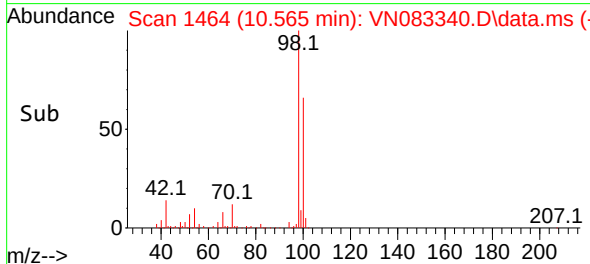
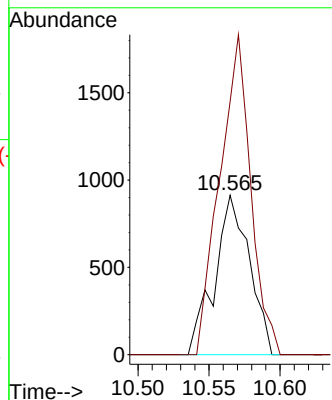
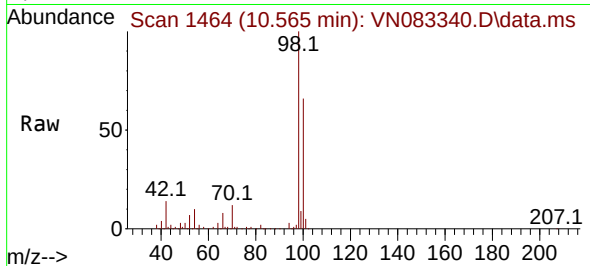




#51
4-Methyl-2-Pentanone
Concen: 0.654 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

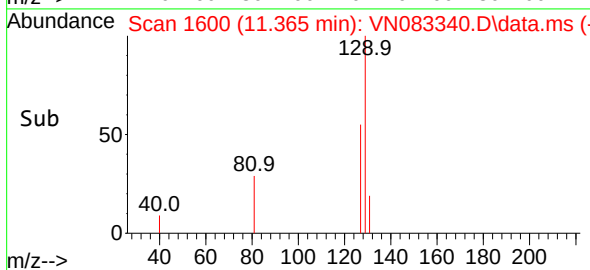
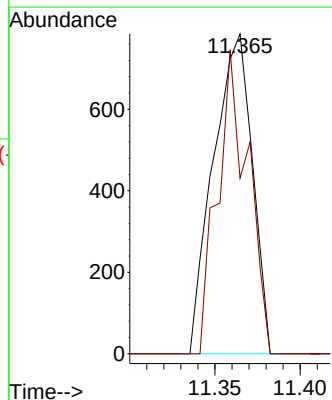
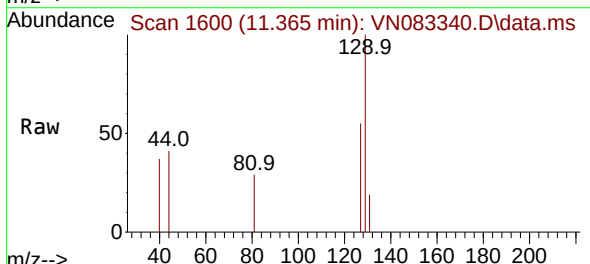
Instrument :
MSVOA_N
ClientSampleId :

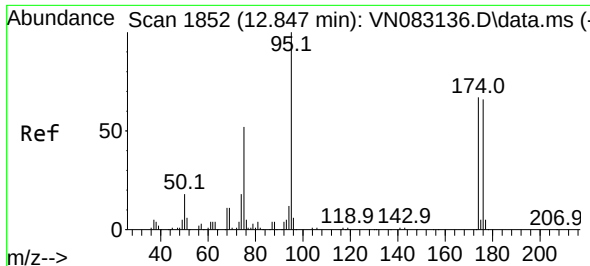
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 178.7 28.2 42.4#



#60
Dibromochloromethane
Concen: 0.679 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion: 129 Resp: 1247
Ion Ratio Lower Upper
129 100
127 74.6 39.2 117.6

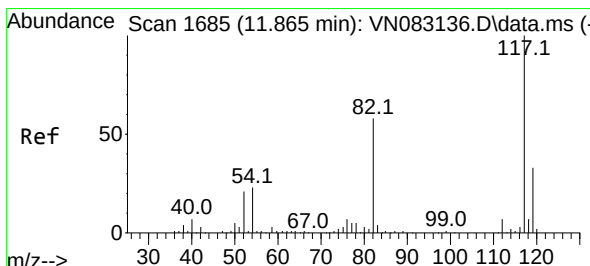
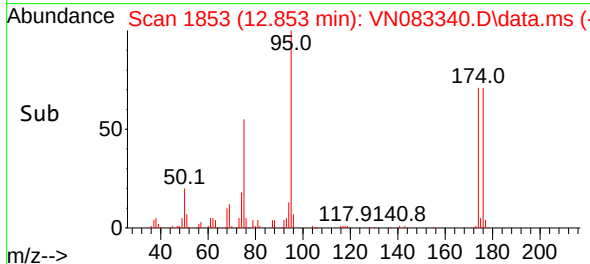
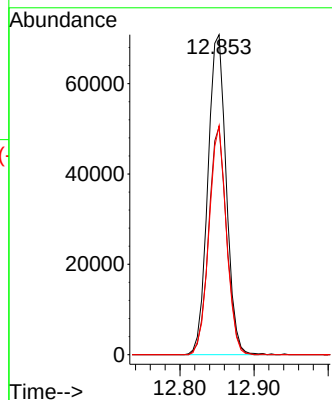
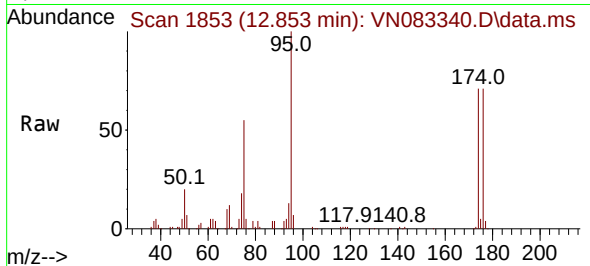




#62
4-Bromofluorobenzene
Concen: 56.194 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

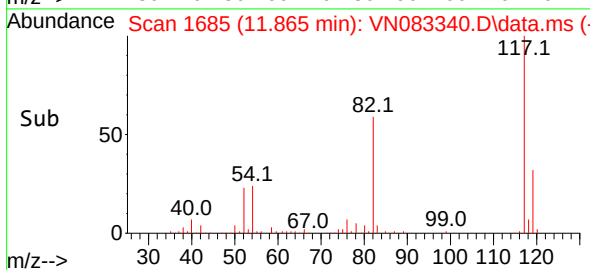
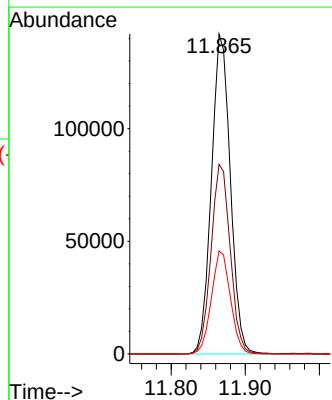
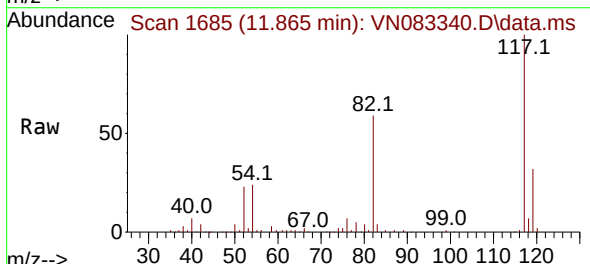
Instrument :
MSVOA_N
ClientSampleId :

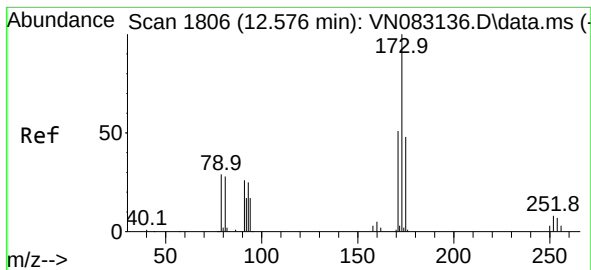
Tgt Ion: 95 Resp: 121706
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 67.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion: 117 Resp: 252349
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 32.2 25.6 38.4





#71

Bromoform

Concen: 0.383 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN083340.D

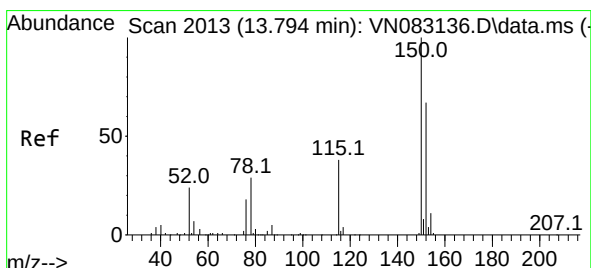
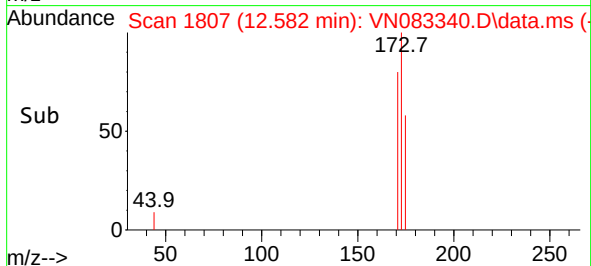
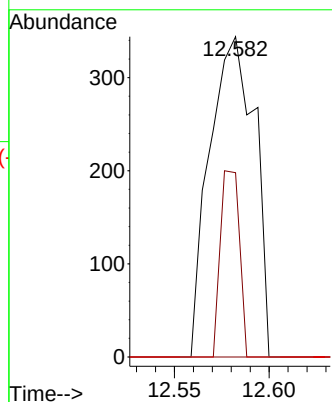
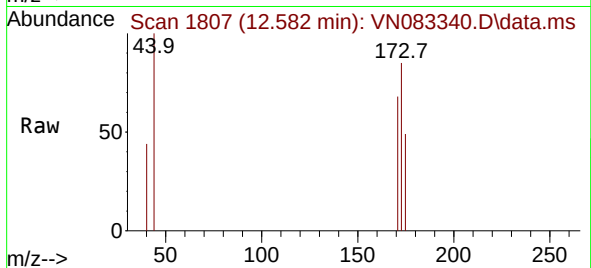
Acq: 15 Aug 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	570
Ion Ratio	Lower	Upper
173	100	
175	24.6	24.0 72.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

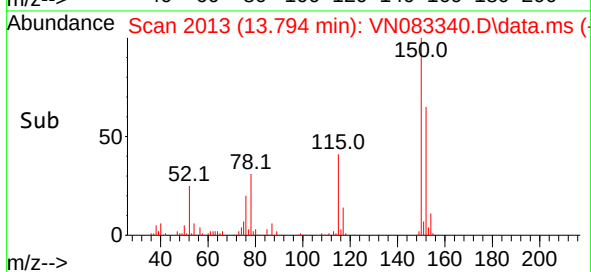
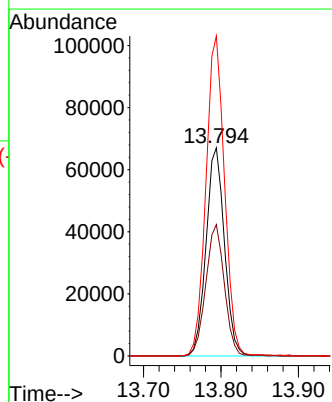
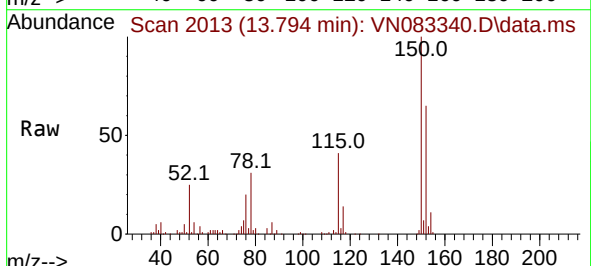
RT: 13.794 min Scan# 2013

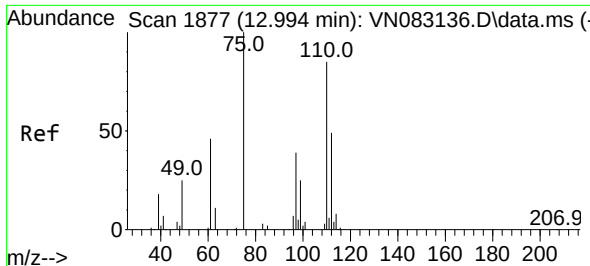
Delta R.T. 0.000 min

Lab File: VN083340.D

Acq: 15 Aug 2024 18:50

Tgt Ion:152	Resp:	110533
Ion Ratio	Lower	Upper
152	100	
115	63.7	30.6 91.6
150	155.0	0.0 348.6

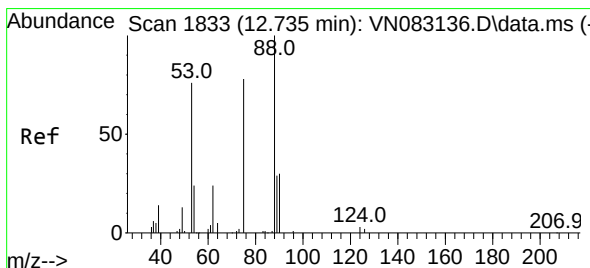
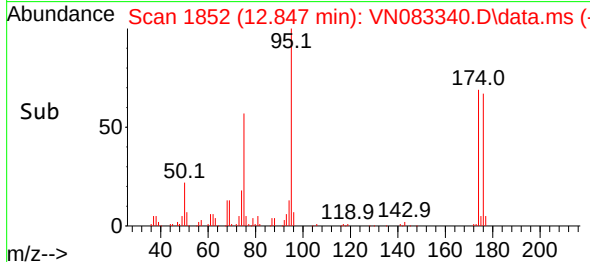
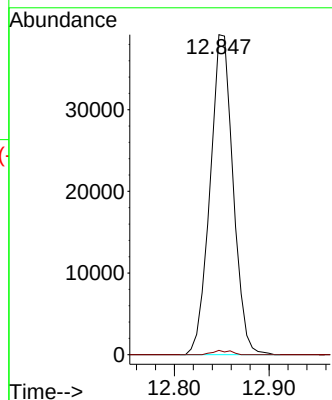
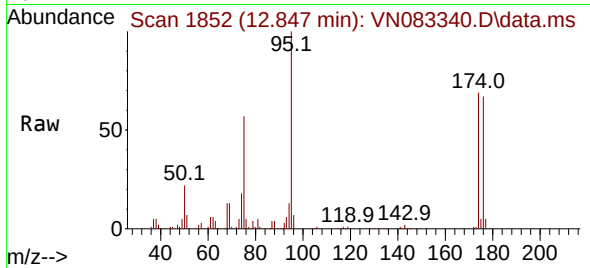




#76
1,2,3-Trichloropropane
Concen: 27.286 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 66194
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.354 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083340.D
Acq: 15 Aug 2024 18:50

Tgt Ion: 75 Resp: 66194
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

