

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083623.D
 Acq On : 03 Sep 2024 14:45
 Operator : JC\MD
 Sample : P3811-02 20X
 Misc : 1.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 04 02:57:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

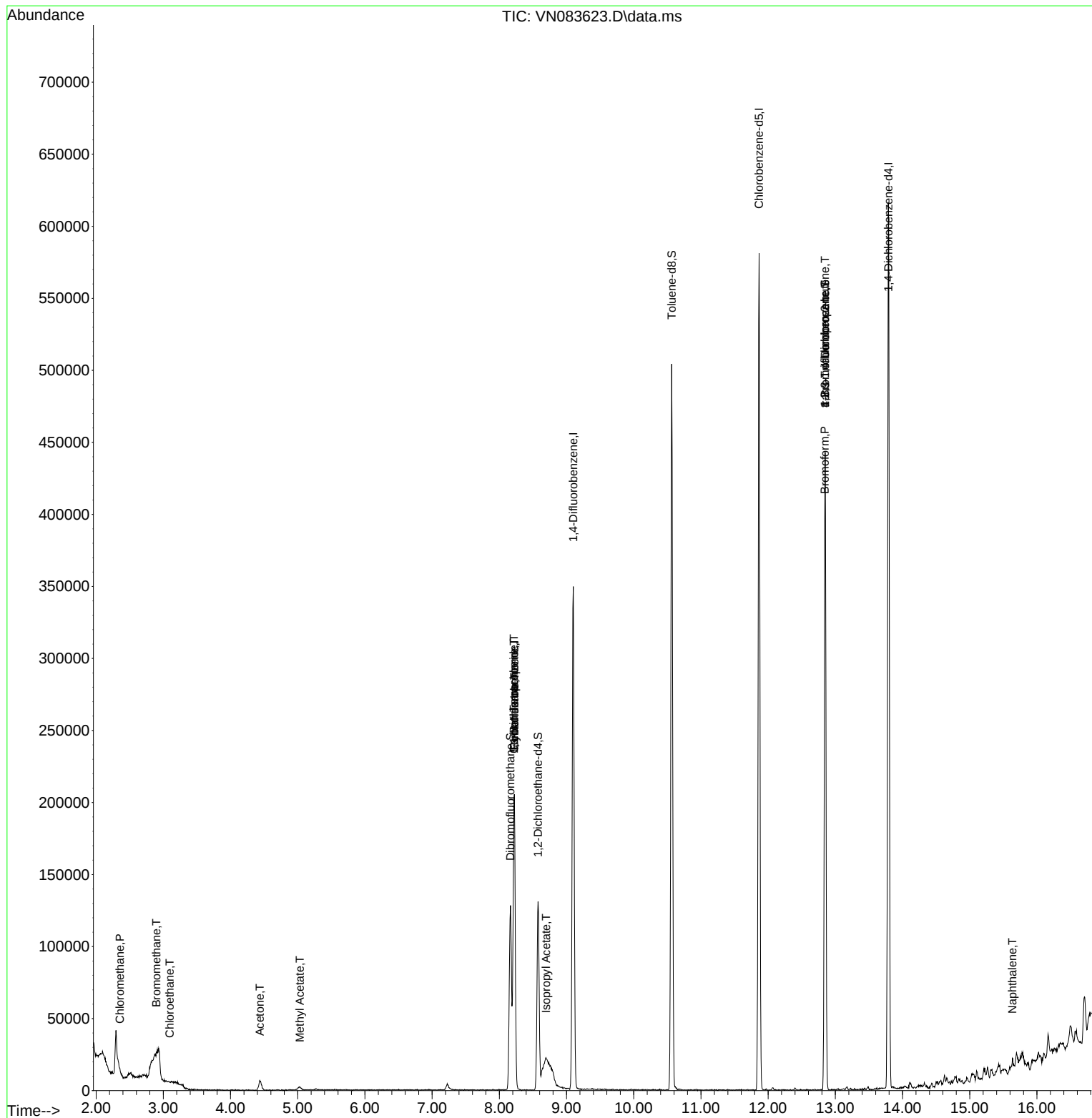
Internal Standards						
1) Pentafluorobenzene	8.224	168	143621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112927	56.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.520%	
35) Dibromofluoromethane	8.165	113	90788	51.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.580%	
50) Toluene-d8	10.565	98	332653	48.248	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.500%	
62) 4-Bromofluorobenzene	12.847	95	155005	60.707	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 121.420%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	697	0.394	ug/l #	41
5) Bromomethane	2.895	94	306	0.328	ug/l #	64
6) Chloroethane	3.095	64	339	0.293	ug/l #	45
16) Acetone	4.436	43	414	0.517	ug/l #	45
18) Methyl Acetate	5.030	43	4525	2.126	ug/l	98
31) Cyclohexane	8.224	56	3731	1.202	ug/l #	37
36) 1,1-Dichloropropene	8.218	75	13201	4.890	ug/l #	51
38) Carbon Tetrachloride	8.218	117	16231	5.269	ug/l #	18
43) Isopropyl Acetate	8.694	43	43534	7.060	ug/l #	57
71) Bromoform	12.841	173	349	0.205	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	86406	26.687	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86406	62.943	ug/l #	9
95) Naphthalene	15.635	128	10154	0.979	ug/l	95

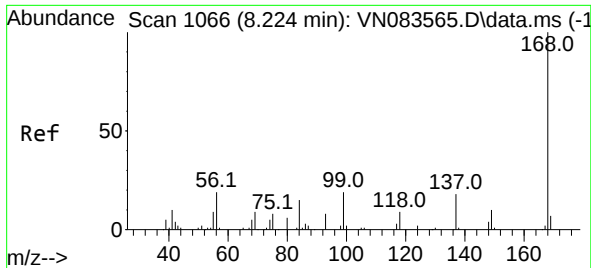
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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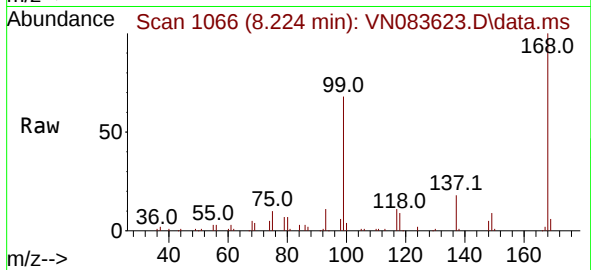
Quant Time: Sep 04 02:57:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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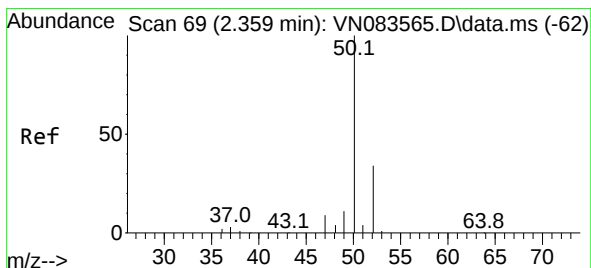
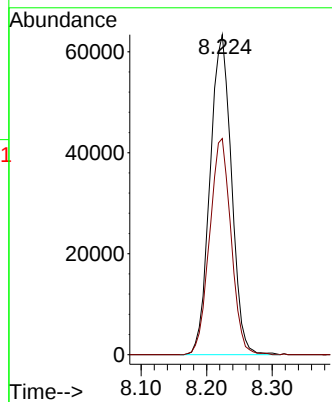
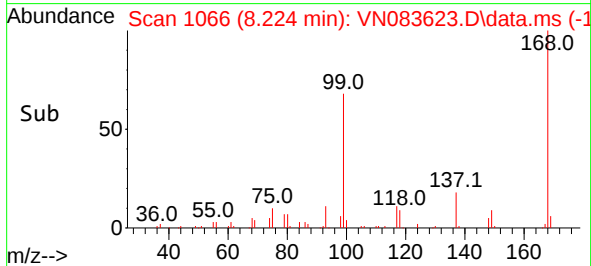


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :

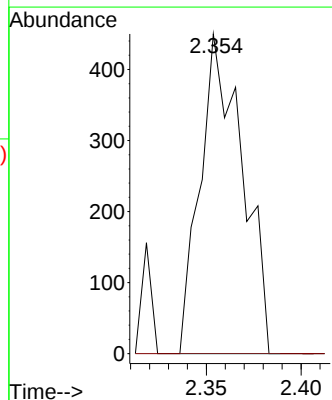
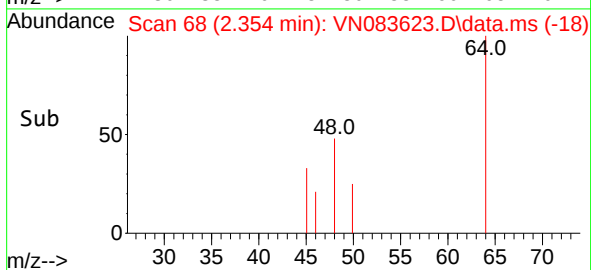
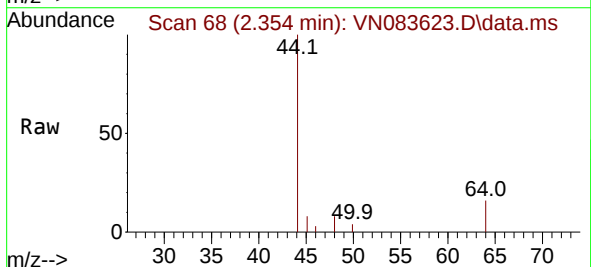


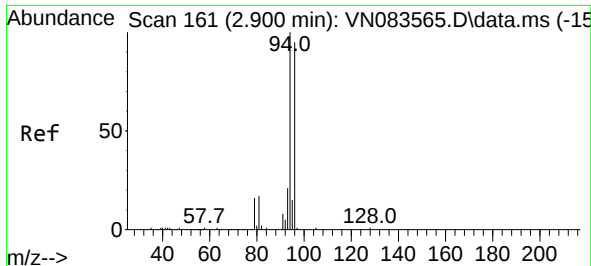
Tgt Ion:168 Resp: 143621
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2



#3
Chloromethane
Concen: 0.394 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

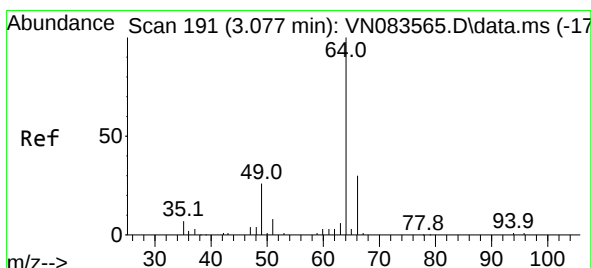
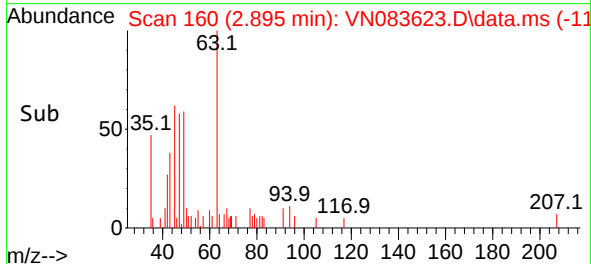
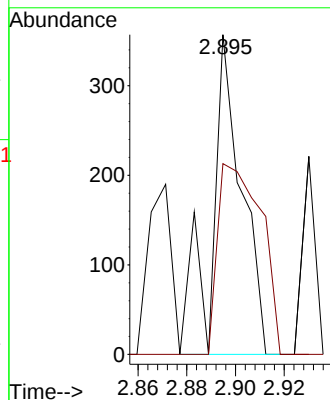
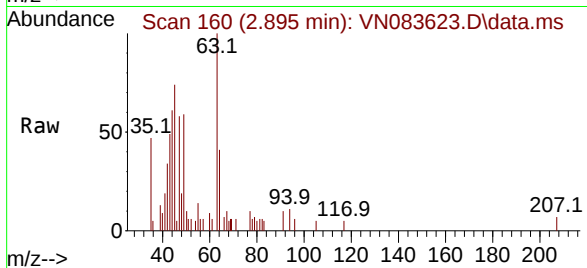




#5
Bromomethane
Concen: 0.328 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

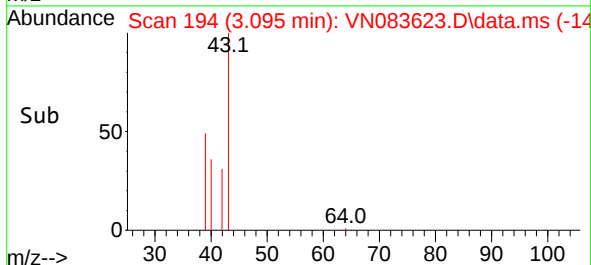
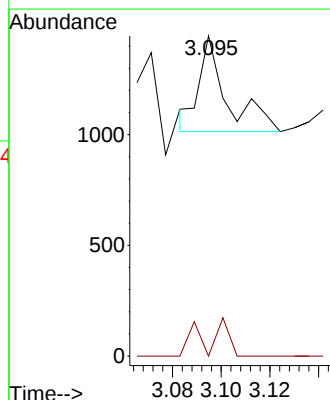
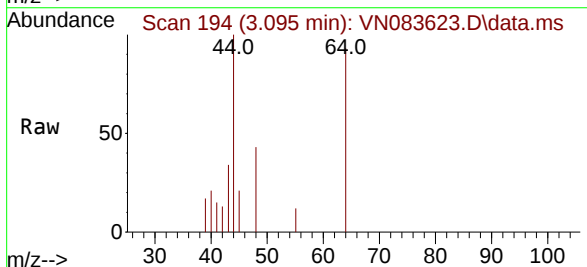
Instrument :
MSVOA_N
ClientSampleId :

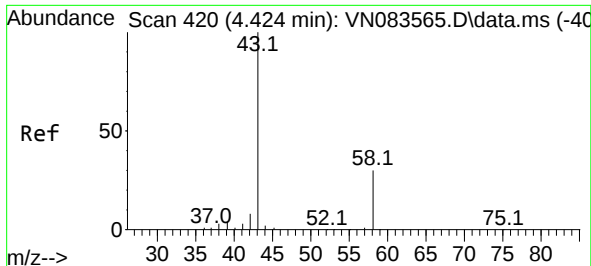
Tgt Ion: 94 Resp: 306
Ion Ratio Lower Upper
94 100
96 59.7 76.0 114.0#



#6
Chloroethane
Concen: 0.293 ug/l
RT: 3.095 min Scan# 194
Delta R.T. 0.018 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Tgt Ion: 64 Resp: 339
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#





#16

Acetone

Concen: 0.517 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN083623.D

Acq: 03 Sep 2024 14:45

Instrument :

MSVOA_N

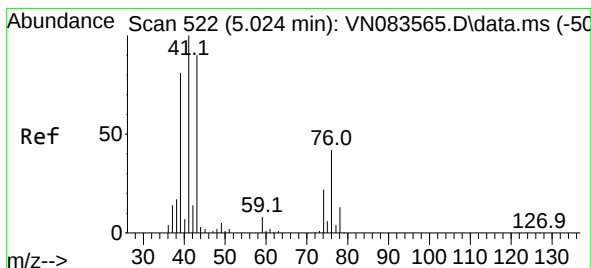
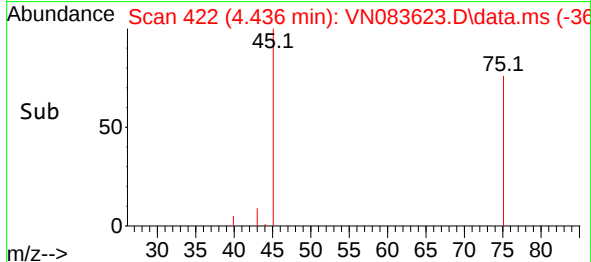
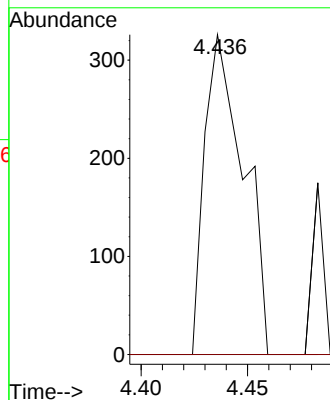
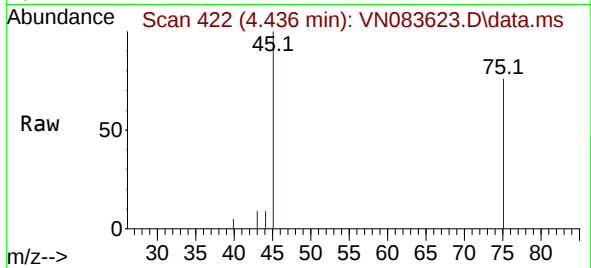
ClientSampleId :

Tgt Ion: 43 Resp: 414

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: 2.126 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN083623.D

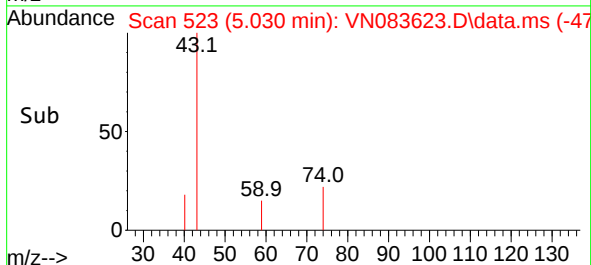
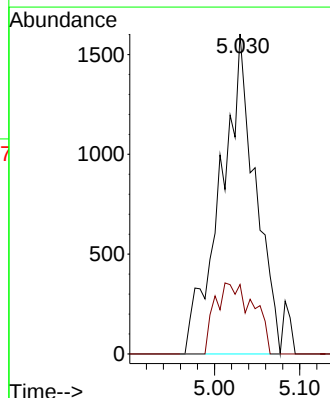
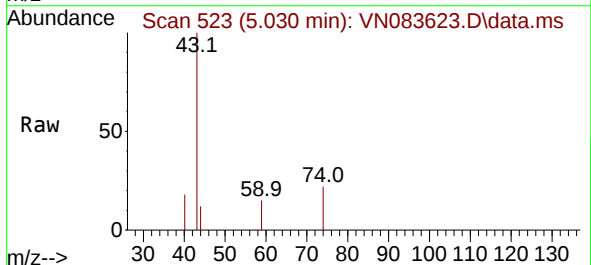
Acq: 03 Sep 2024 14:45

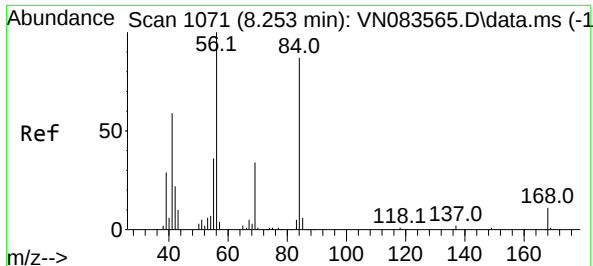
Tgt Ion: 43 Resp: 4525

Ion Ratio Lower Upper

43 100

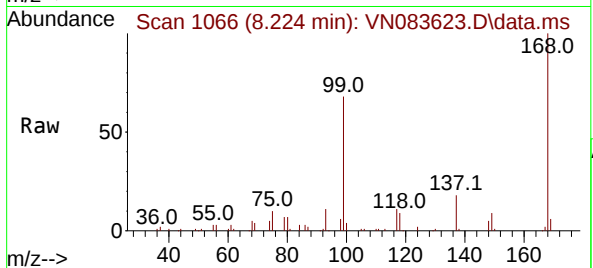
74 24.7 19.0 28.4



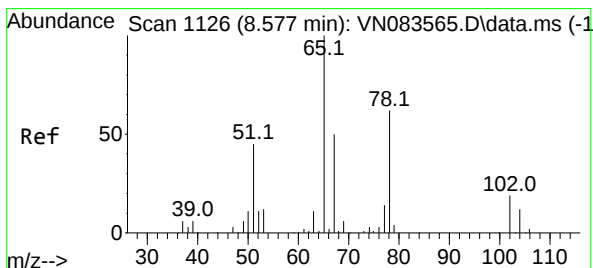
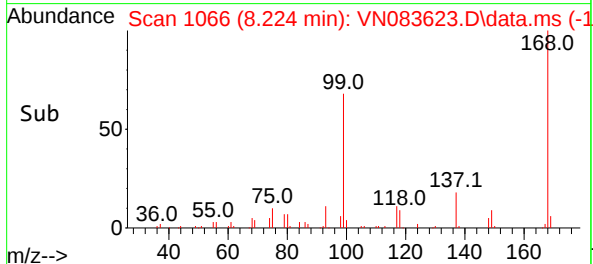
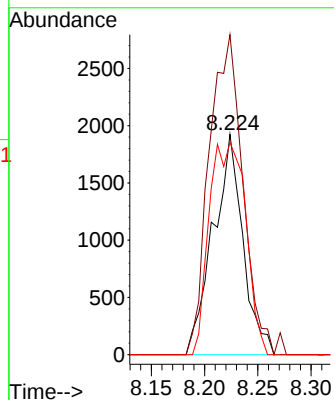


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :

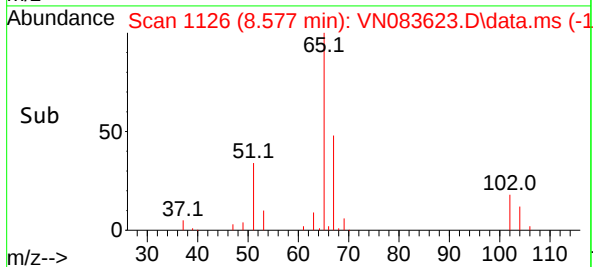
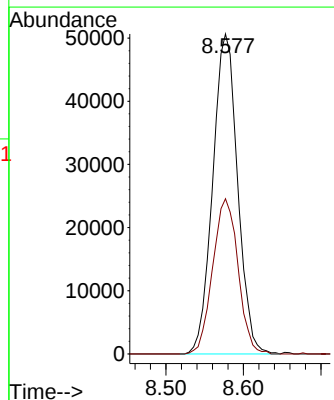
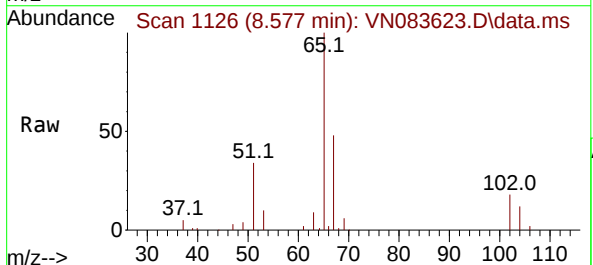


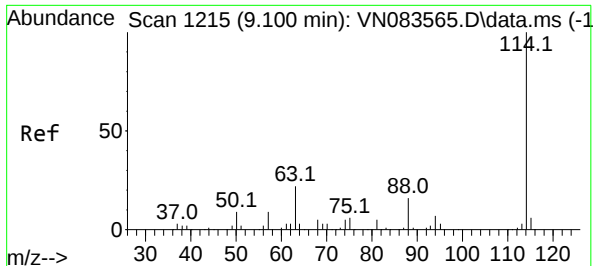
Tgt Ion: 56 Resp: 3731
Ion Ratio Lower Upper
56 100
69 145.3 26.9 40.3#
84 96.4 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 56.260 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Tgt Ion: 65 Resp: 112927
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083623.D

Acq: 03 Sep 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

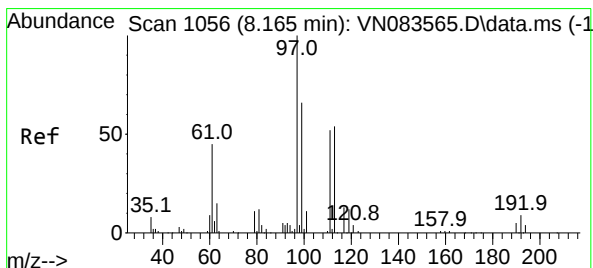
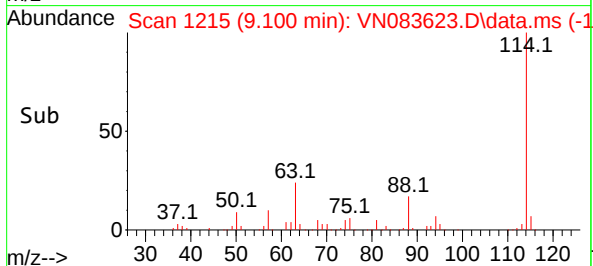
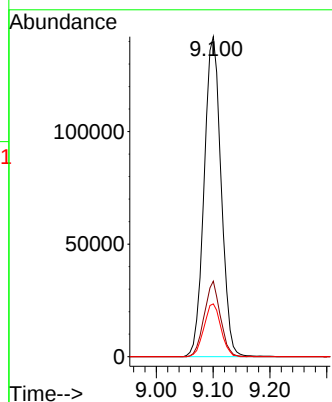
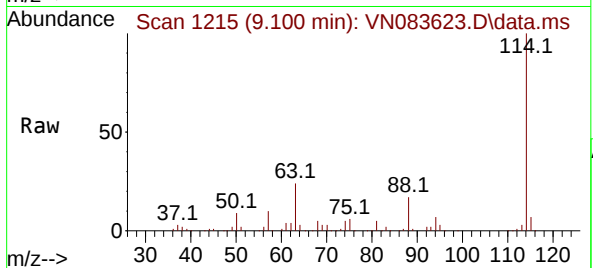
Tgt Ion:114 Resp: 294078

Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.4

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.293 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083623.D

Acq: 03 Sep 2024 14:45

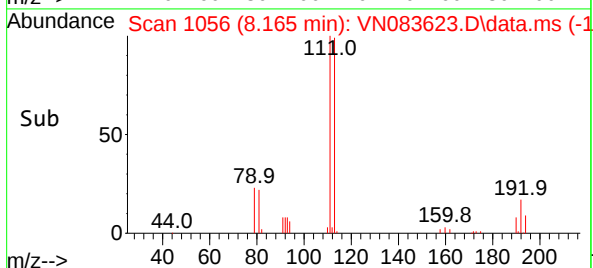
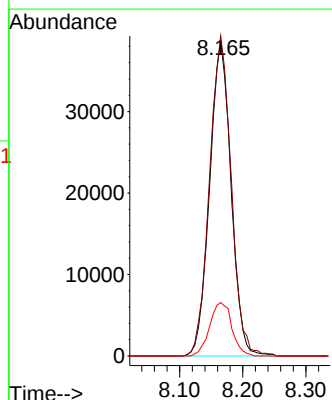
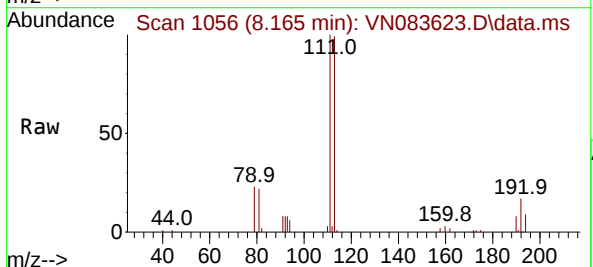
Tgt Ion:113 Resp: 90788

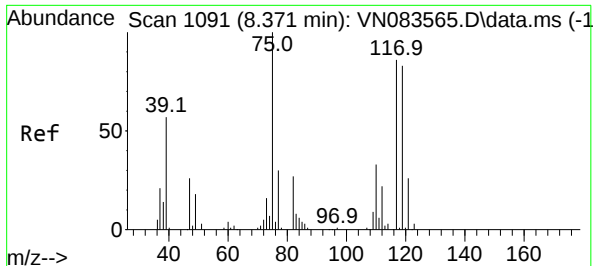
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 17.6 14.3 21.5

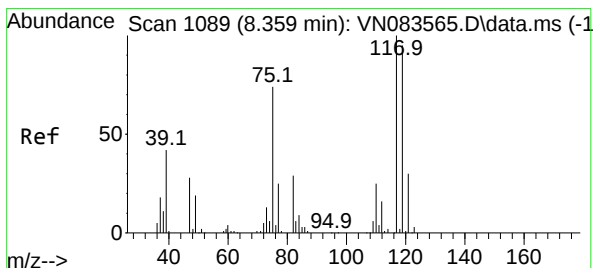
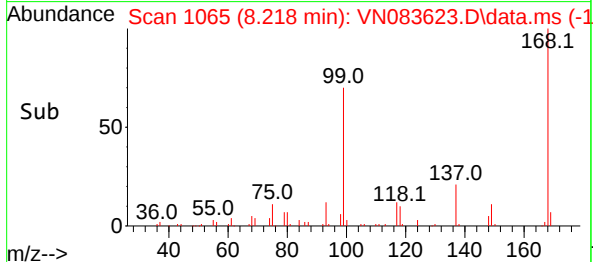
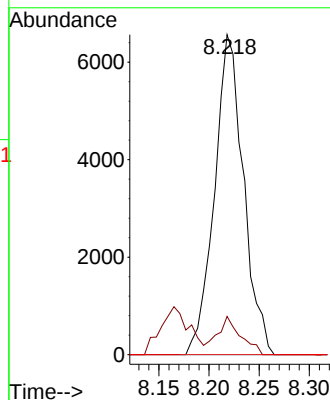
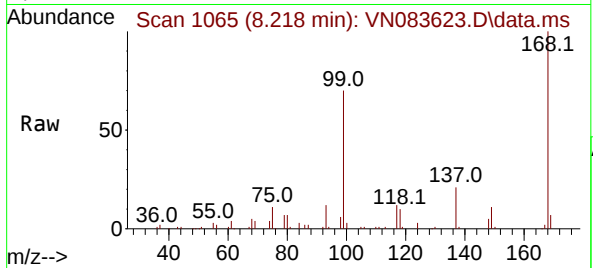




#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

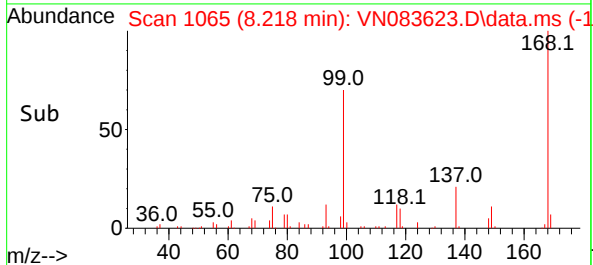
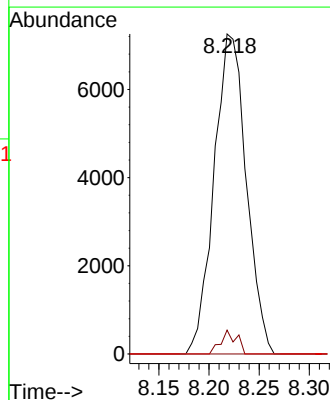
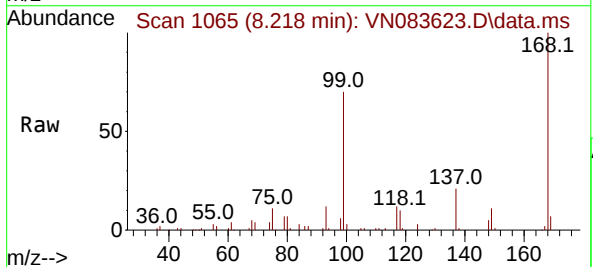
Instrument :
MSVOA_N
ClientSampleId :

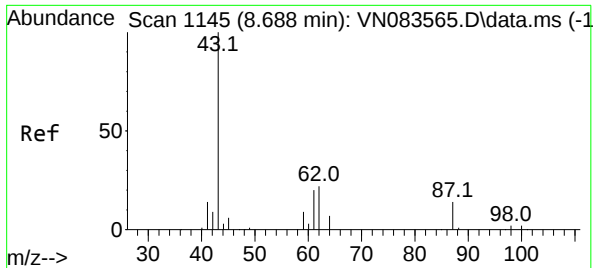
Tgt Ion: 75 Resp: 13201
Ion Ratio Lower Upper
75 100
110 9.7 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.269 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Tgt Ion: 117 Resp: 16231
Ion Ratio Lower Upper
117 100
119 7.5 76.1 114.1#
121 0.0 24.1 36.1#

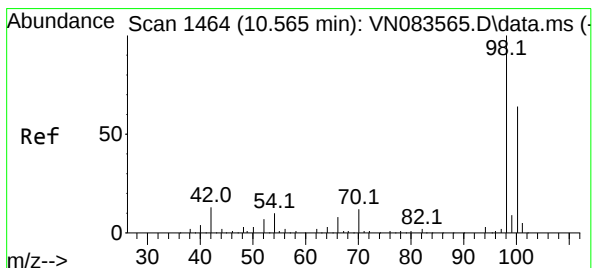
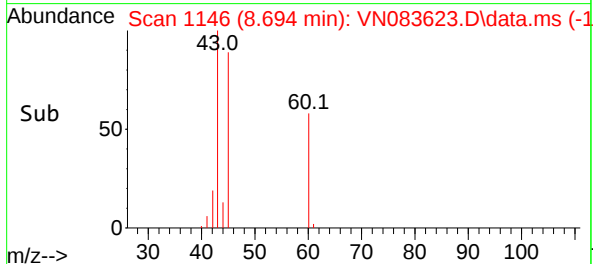
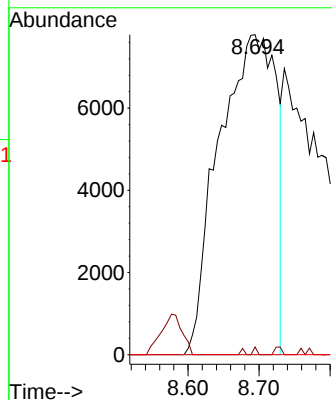
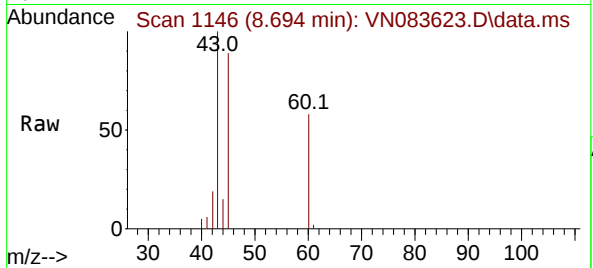




#43
Isopropyl Acetate
Concen: 7.060 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

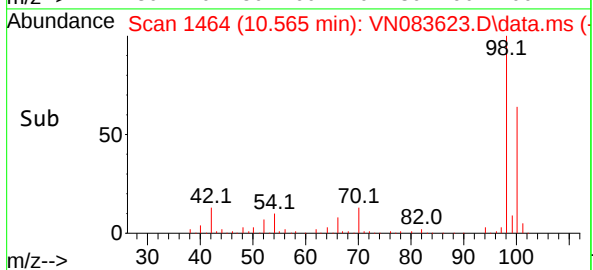
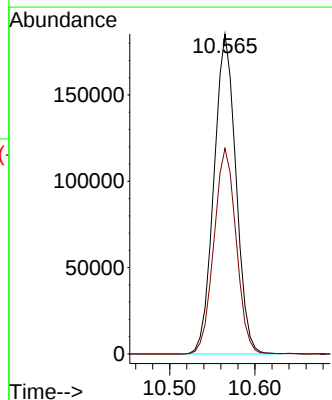
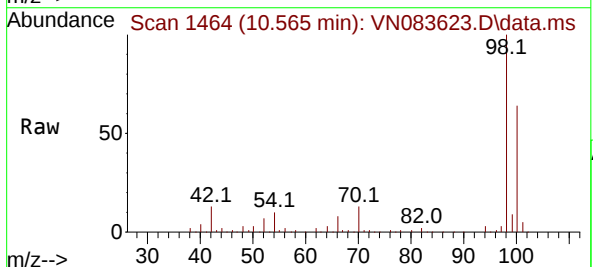
Instrument :
MSVOA_N
ClientSampleId :

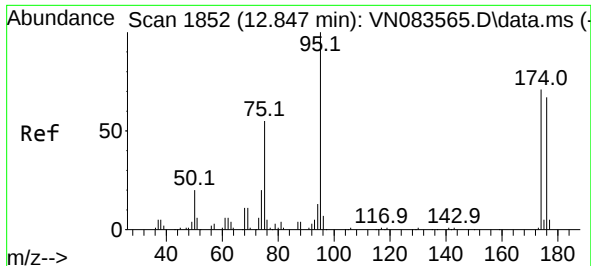
Tgt Ion: 43 Resp: 43534
Ion Ratio Lower Upper
43 100
61 0.2 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 48.248 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Tgt Ion: 98 Resp: 332653
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

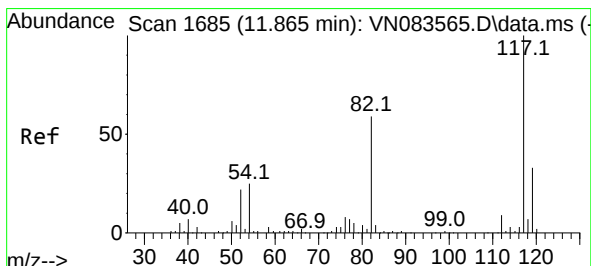
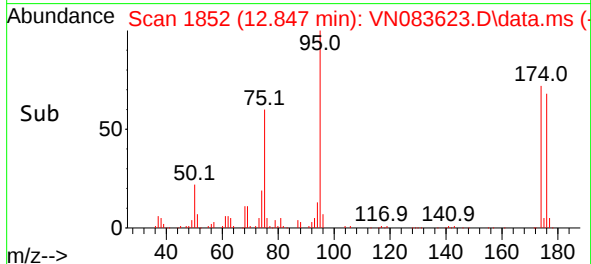
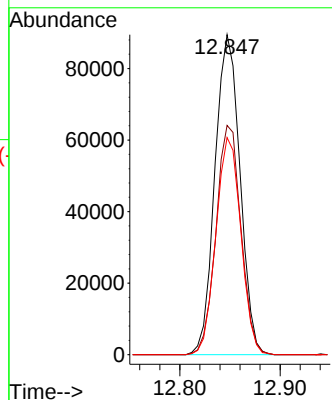
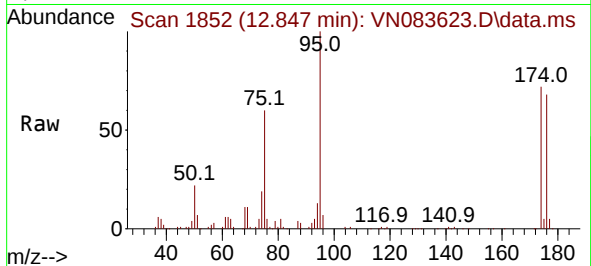




#62
4-Bromofluorobenzene
Concen: 60.707 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

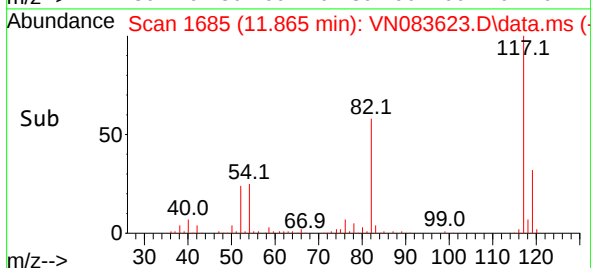
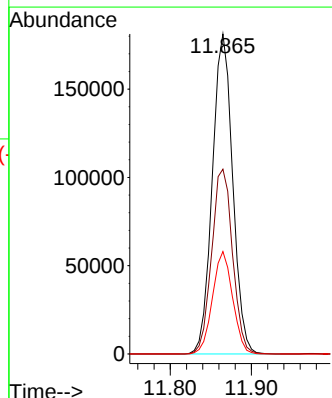
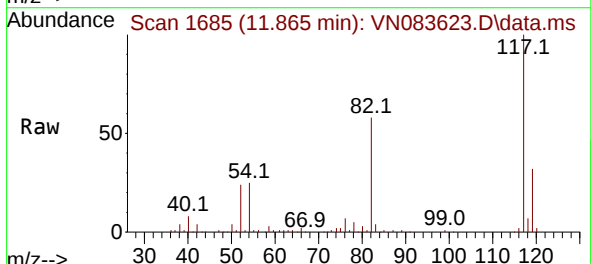
Instrument :
MSVOA_N
ClientSampleId :

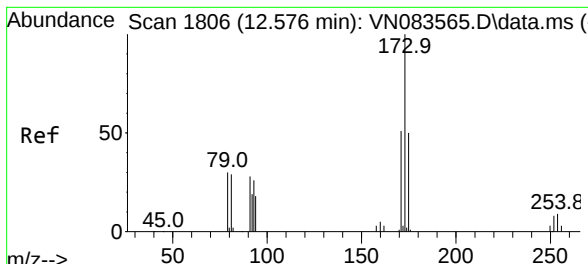
Tgt Ion: 95 Resp: 155005
Ion Ratio Lower Upper
95 100
174 71.3 0.0 139.8
176 67.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Tgt Ion: 117 Resp: 315708
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 32.0 26.3 39.5

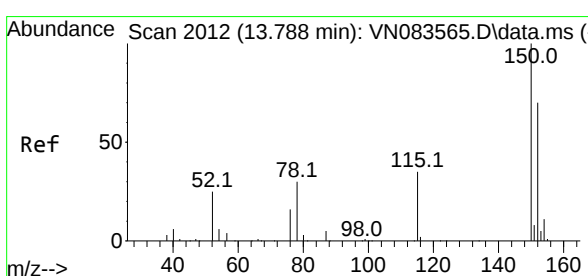
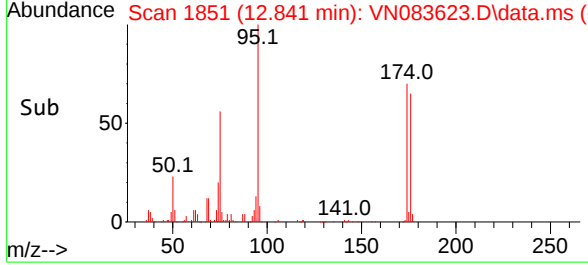
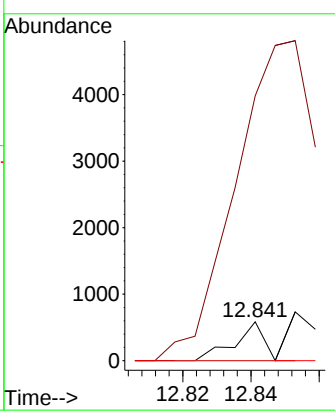
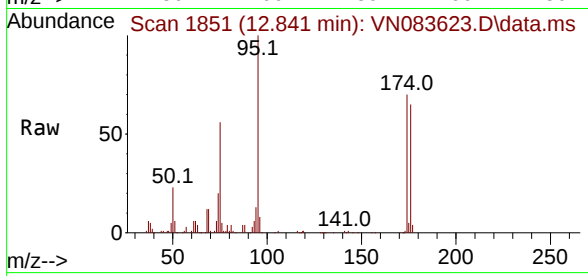




#71
 Bromoform
 Concen: 0.205 ug/l
 RT: 12.841 min Scan# 1806
 Delta R.T. 0.265 min
 Lab File: VN083623.D
 Acq: 03 Sep 2024 14:45

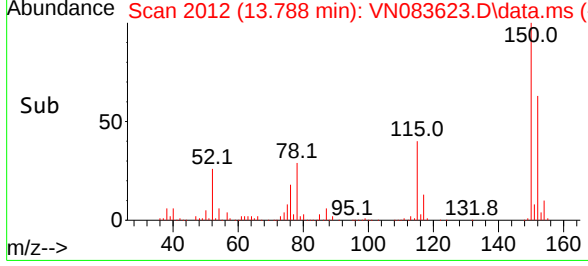
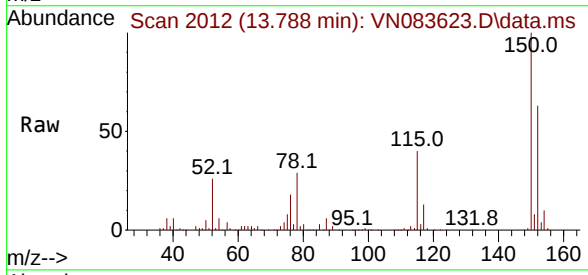
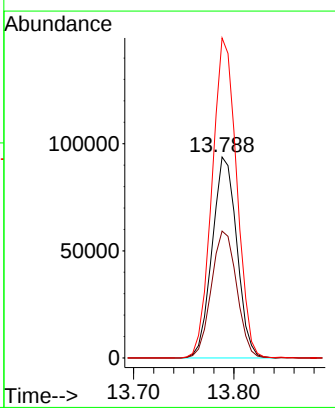
Instrument :
 MSVOA_N
 ClientSampleId :

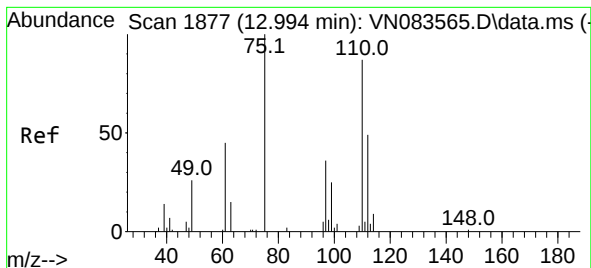
Tgt Ion:	173	Resp:	349
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN083623.D
 Acq: 03 Sep 2024 14:45

Tgt Ion:	152	Resp:	160367
Ion Ratio	Lower	Upper	
152	100		
115	64.9	32.2	96.6
150	159.0	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 26.687 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083623.D

Acq: 03 Sep 2024 14:45

Instrument :

MSVOA_N

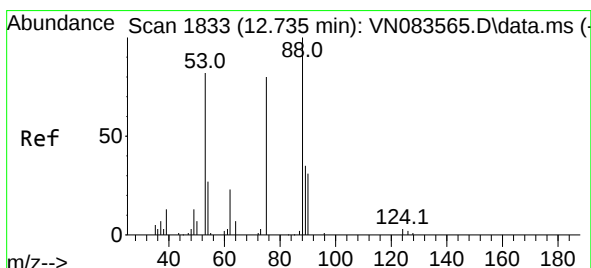
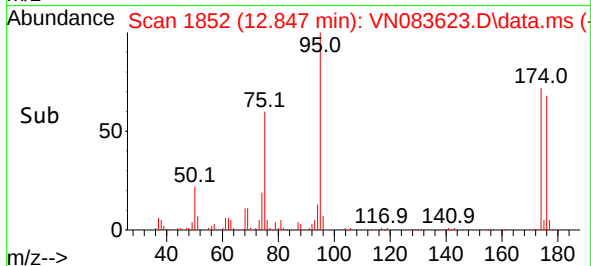
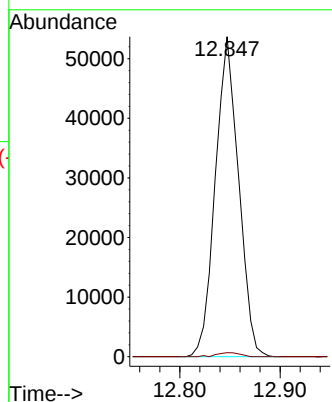
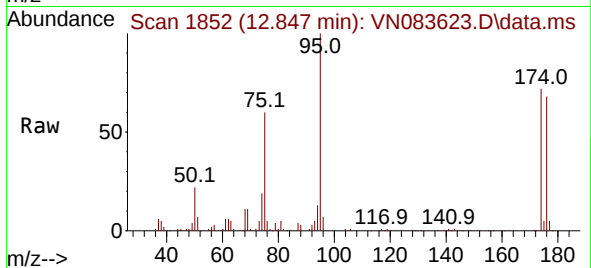
ClientSampleId :

Tgt Ion: 75 Resp: 86406

Ion Ratio Lower Upper

75 100

77 1.3 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.943 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083623.D

Acq: 03 Sep 2024 14:45

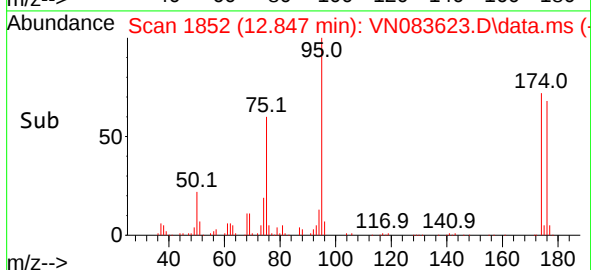
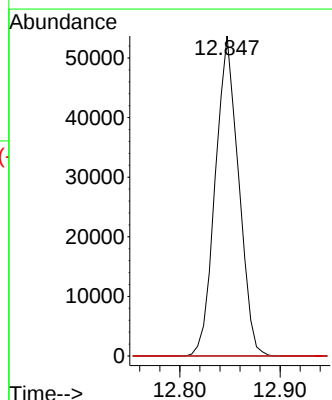
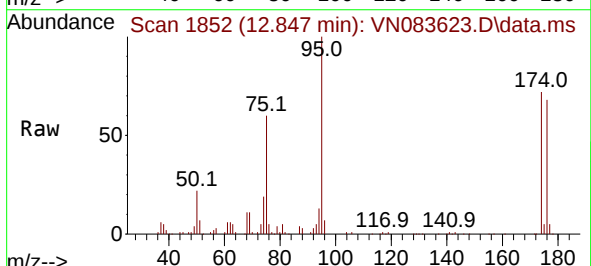
Tgt Ion: 75 Resp: 86406

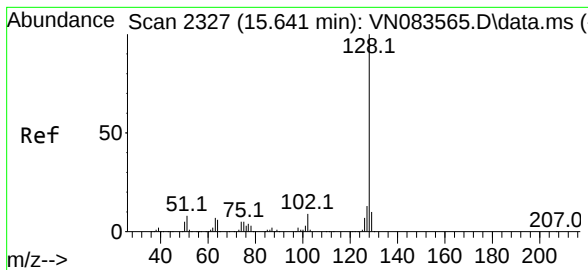
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

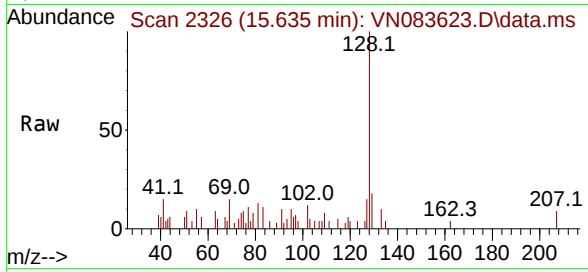
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 0.979 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083623.D
Acq: 03 Sep 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	10154
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.2	15.2
129	12.3	8.7	13.1

