

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083861.D
 Acq On : 13 Sep 2024 08:12
 Operator : JC\MD
 Sample : P3957-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 08:53:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

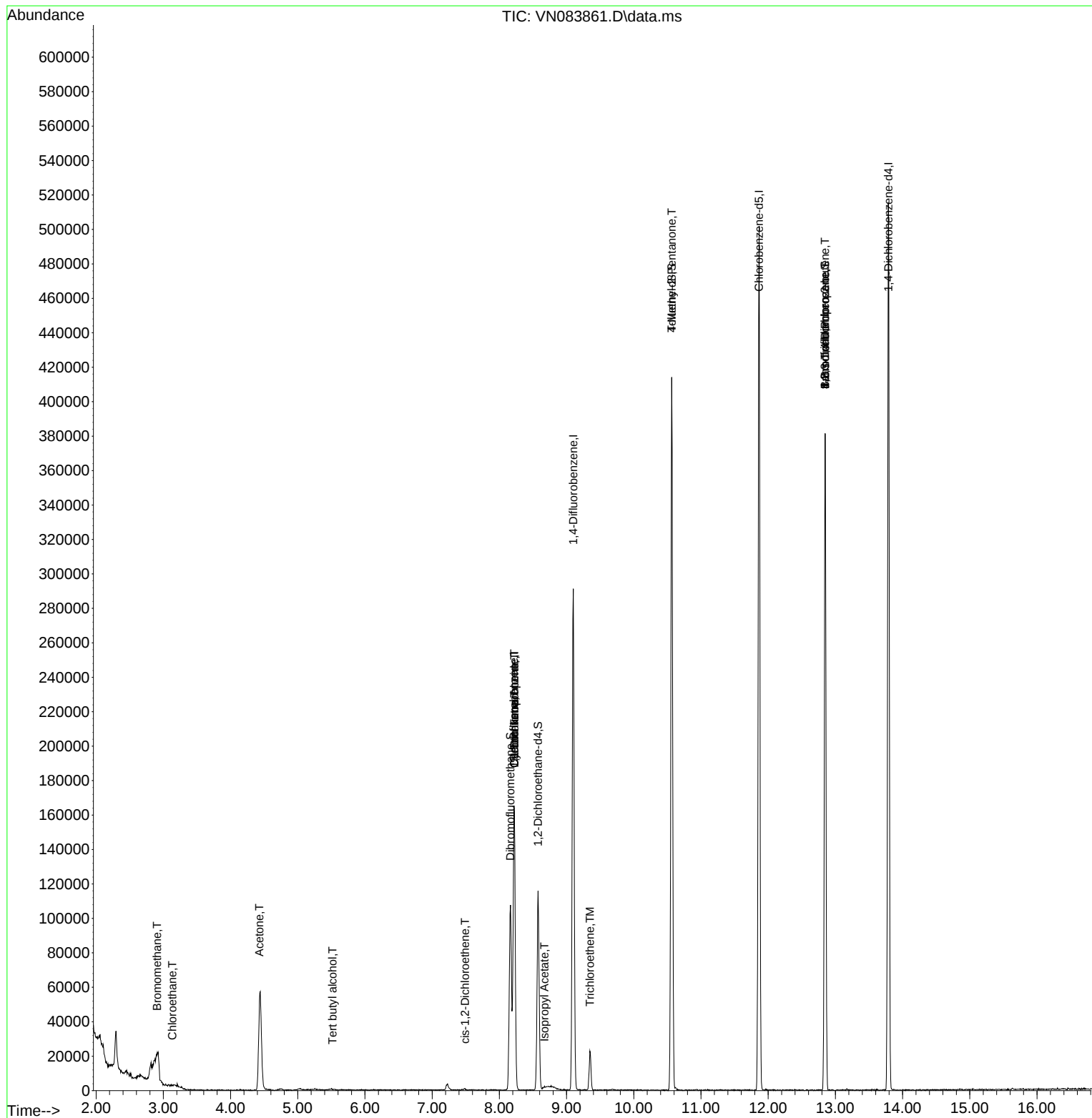
Internal Standards						
1) Pentafluorobenzene	8.218	168	110889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	93623	55.993	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.980%	
35) Dibromofluoromethane	8.165	113	75497	49.453	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.900%	
50) Toluene-d8	10.565	98	272297	51.594	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.180%	
62) 4-Bromofluorobenzene	12.847	95	127265	58.447	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	116.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	942	Below Cal	#	41
5) Bromomethane	2.906	94	204	0.252	ug/l #	2
6) Chloroethane	3.136	64	239	0.241	ug/l #	45
11) Tert butyl alcohol	5.518	59	465	2.077	ug/l #	71
16) Acetone	4.430	43	2210	3.297	ug/l #	45
18) Methyl Acetate	5.042	43	1673	Below Cal	#	60
27) cis-1,2-Dichloroethene	7.488	96	447	0.293	ug/l	82
31) Cyclohexane	8.224	56	2873	1.189	ug/l #	19
36) 1,1-Dichloropropene	8.224	75	10705	4.659	ug/l #	50
38) Carbon Tetrachloride	8.224	117	13133	5.038	ug/l #	18
43) Isopropyl Acetate	8.671	43	1403	0.371	ug/l #	57
44) Trichloroethene	9.347	130	7518	4.694	ug/l	96
51) 4-Methyl-2-Pentanone	10.565	43	1560	0.758	ug/l #	1
71) Bromoform	12.847	173	711	0.507	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	72277	27.379	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72277	71.707	ug/l #	9

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
Data File : VN083861.D
Acq On : 13 Sep 2024 08:12
Operator : JC\MD
Sample : P3957-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

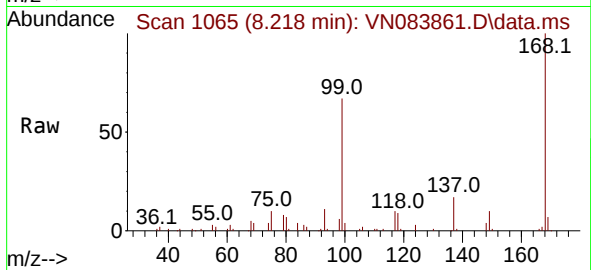
Quant Time: Sep 13 08:53:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



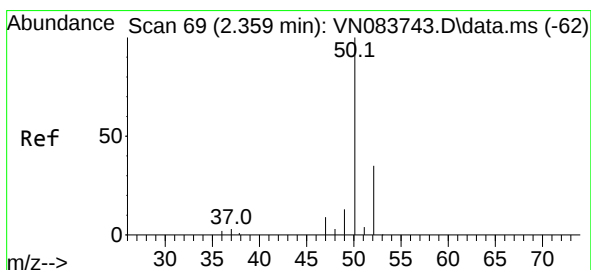
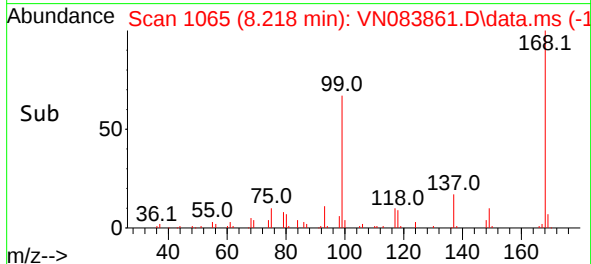
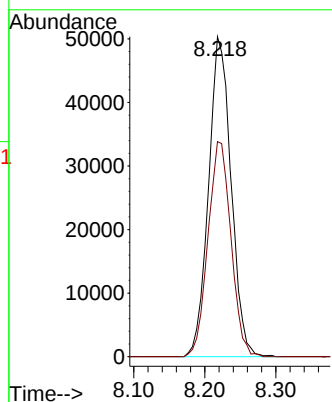


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Instrument :
MSVOA_N
ClientSampleId :

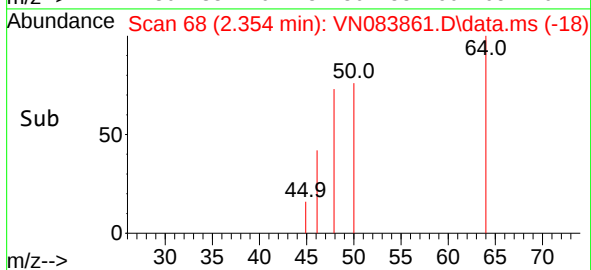
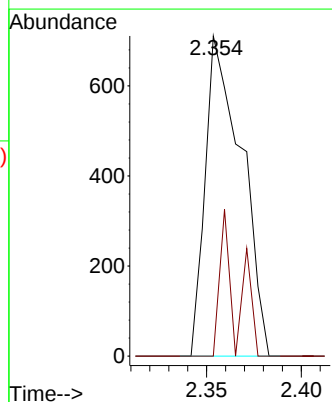
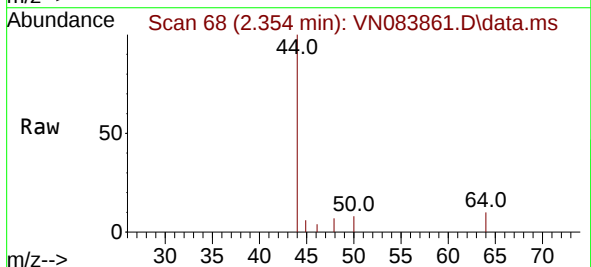


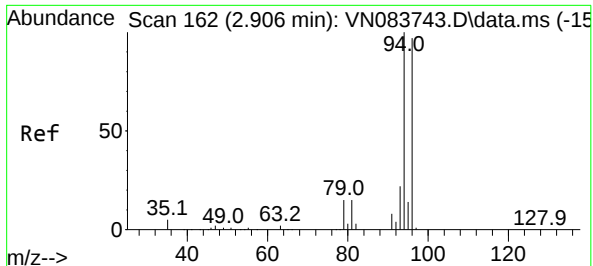
Tgt Ion:168 Resp: 110889
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Tgt Ion: 50 Resp: 942
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

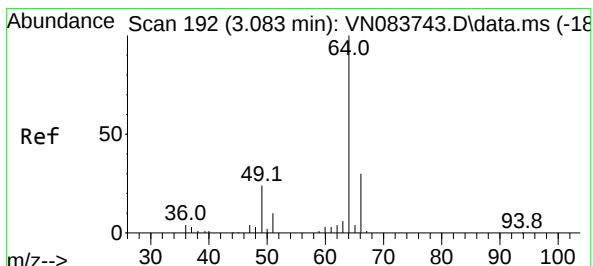
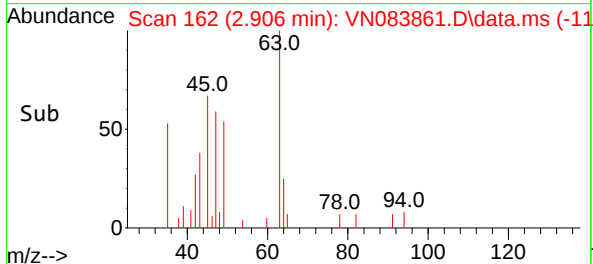
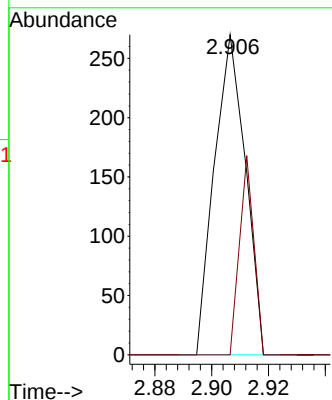
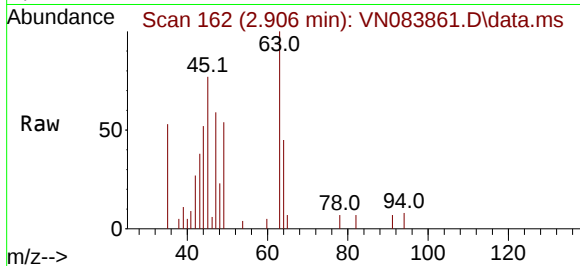




#5
Bromomethane
Concen: 0.252 ug/l
RT: 2.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

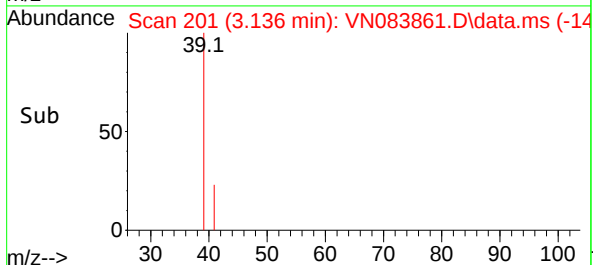
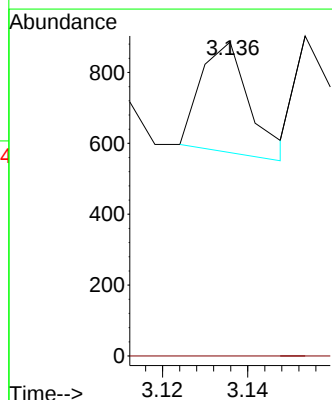
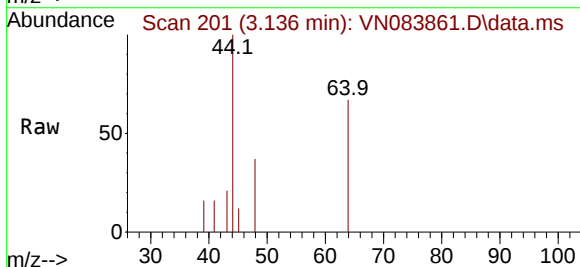
Instrument :
MSVOA_N
ClientSampleId :

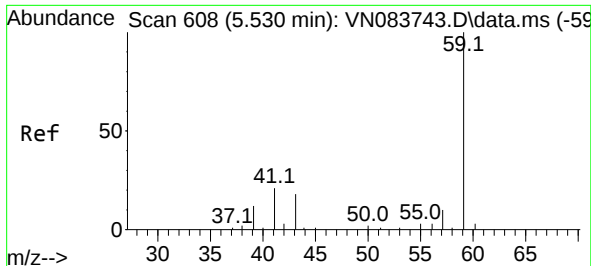
Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.241 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.053 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

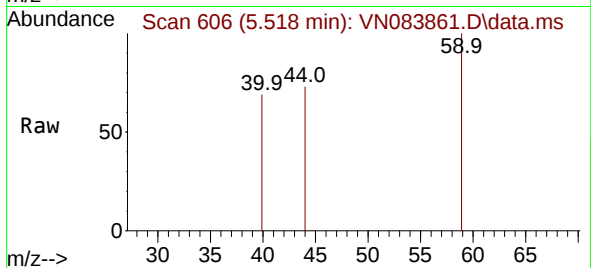
Tgt Ion: 64 Resp: 239
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



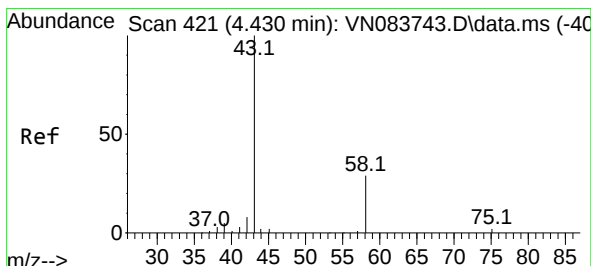
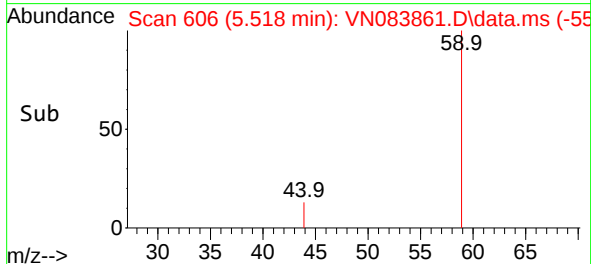
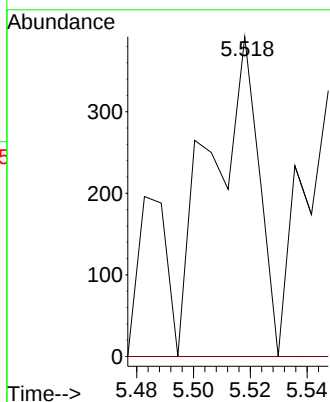


#11
Tert butyl alcohol
Concen: 2.077 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Instrument :
MSVOA_N
ClientSampleId :

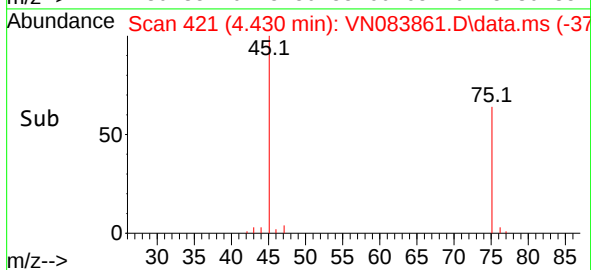
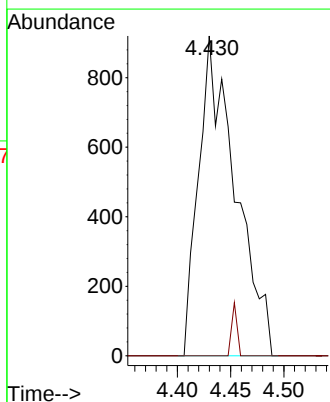
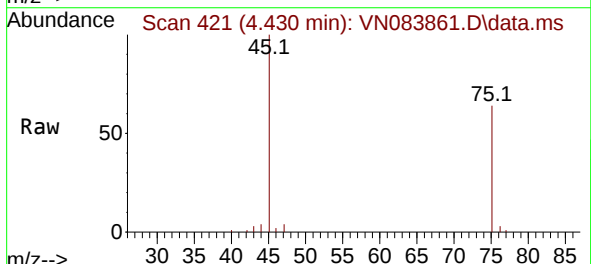


Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 3.297 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

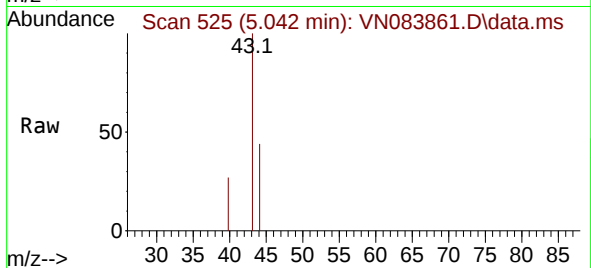
Tgt Ion: 43 Resp: 2210
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



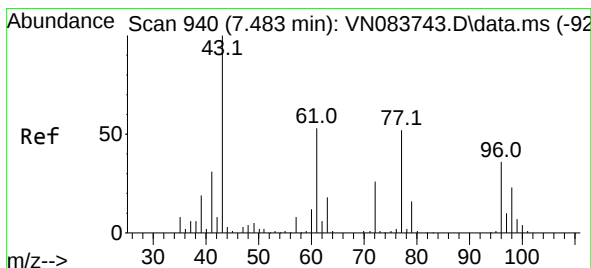
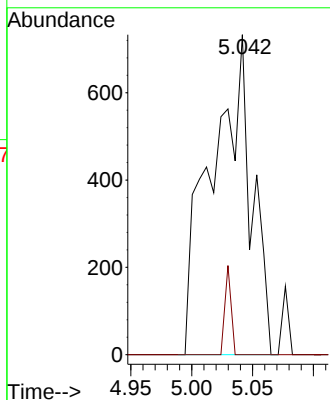
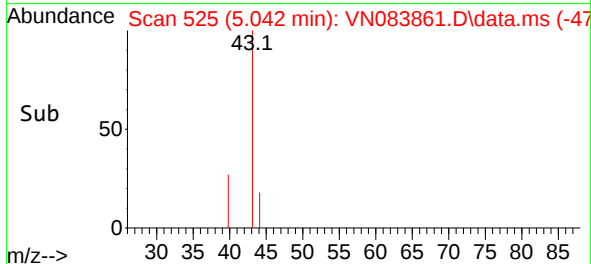


#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

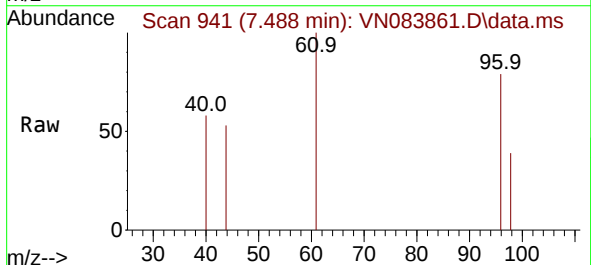
Instrument :
MSVOA_N
ClientSampleId :



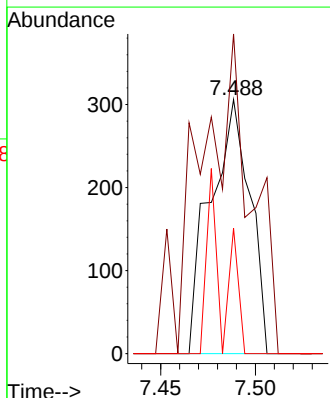
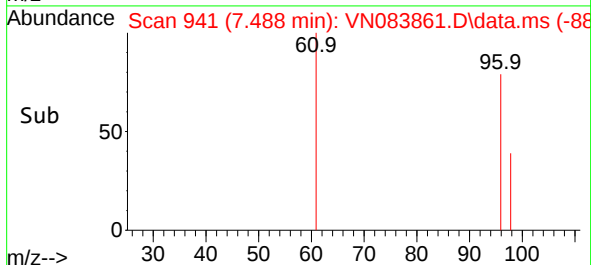
Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
74 4.3 19.0 28.4#

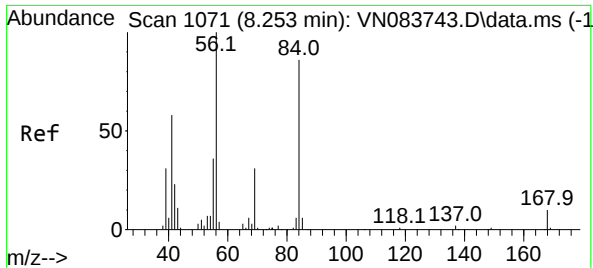


#27
cis-1,2-Dichloroethene
Concen: 0.293 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12



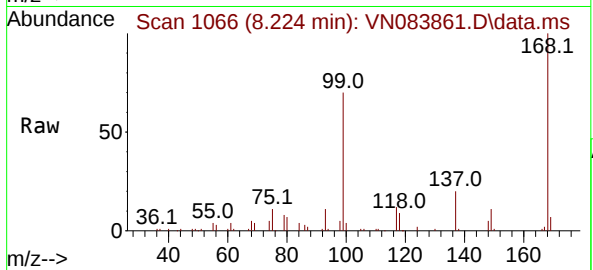
Tgt Ion: 96 Resp: 447
Ion Ratio Lower Upper
96 100
61 162.9 0.0 306.2
98 29.5 0.0 128.6



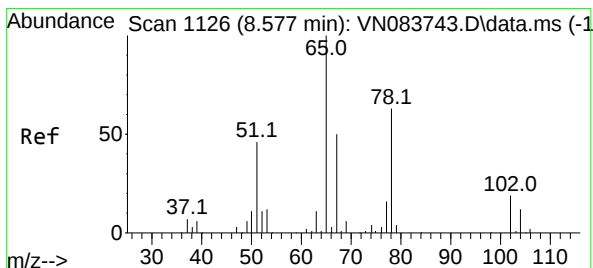
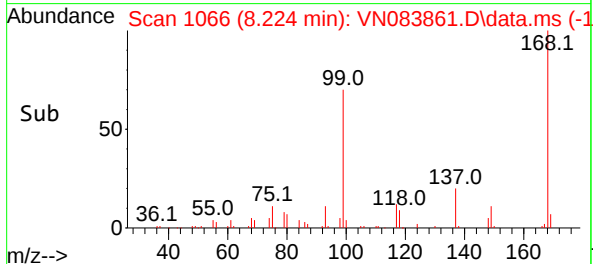
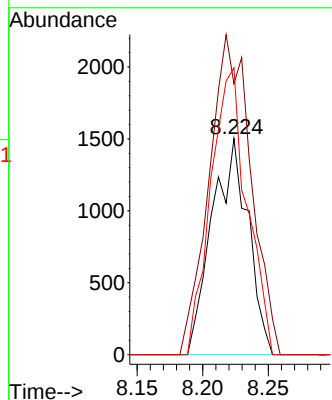


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Instrument :
MSVOA_N
ClientSampleId :

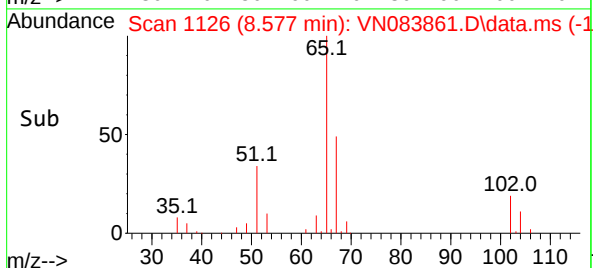
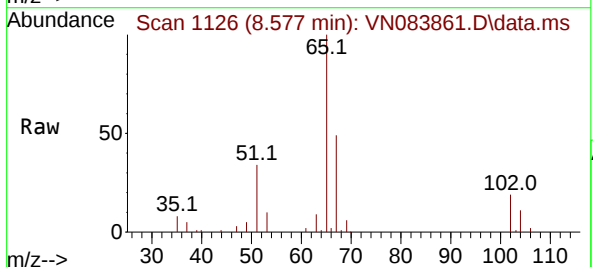
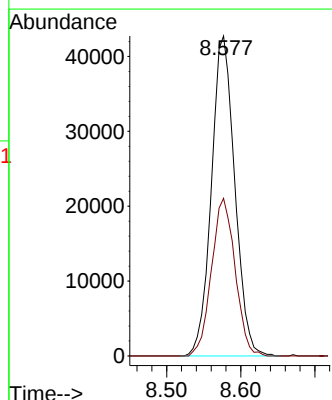


Tgt Ion: 56 Resp: 2873
Ion Ratio Lower Upper
56 100
69 125.3 26.9 40.3#
84 132.7 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 55.993 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Tgt Ion: 65 Resp: 93623
Ion Ratio Lower Upper
65 100
67 49.7 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: VN083861.D

Acq: 13 Sep 2024 08:12

Instrument :

MSVOA_N

ClientSampleId :

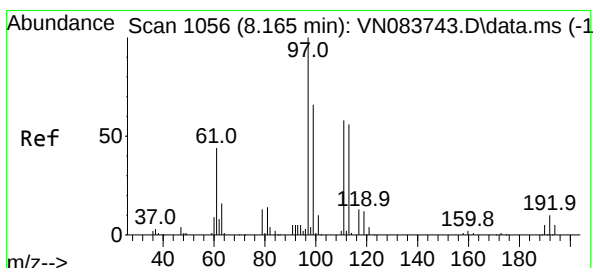
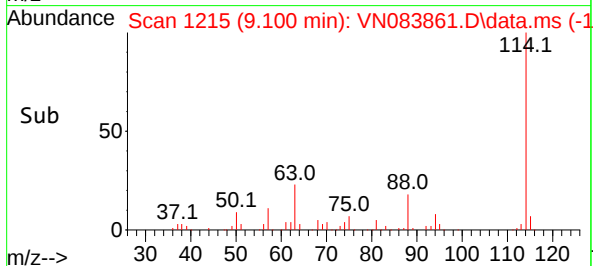
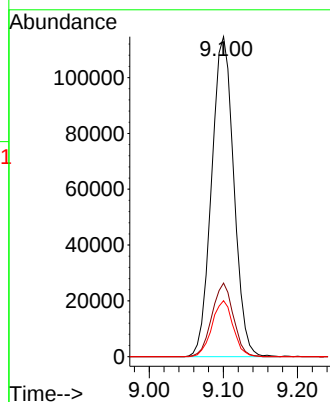
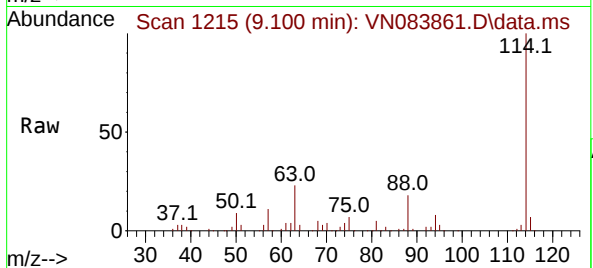
Tgt Ion:114 Resp: 238469

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.453 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083861.D

Acq: 13 Sep 2024 08:12

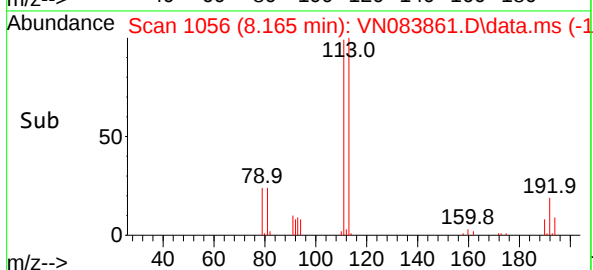
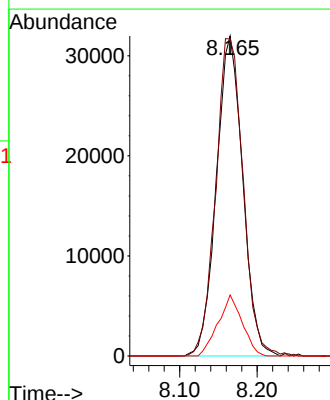
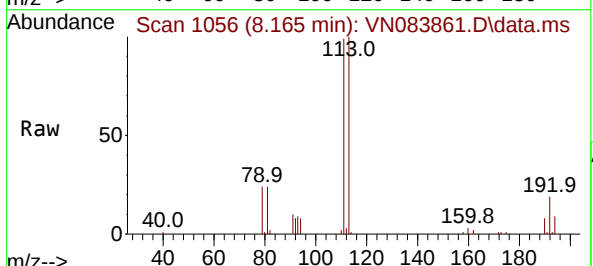
Tgt Ion:113 Resp: 75497

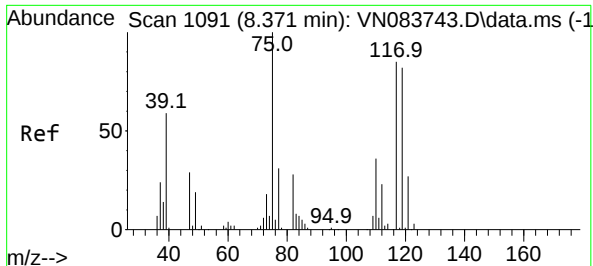
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 17.4 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.659 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

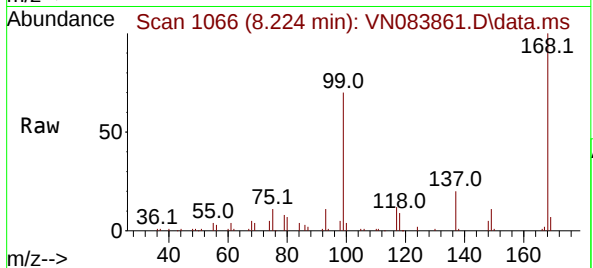
Lab File: VN083861.D

Acq: 13 Sep 2024 08:12

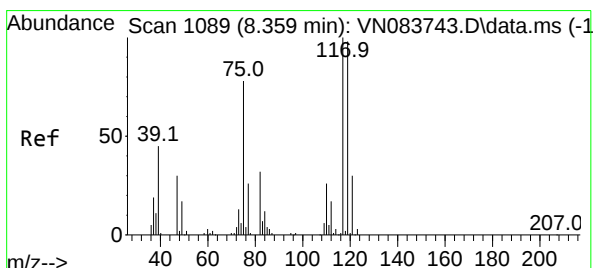
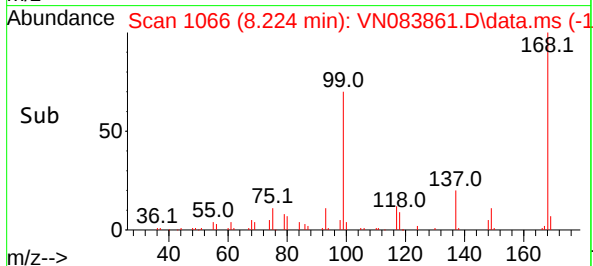
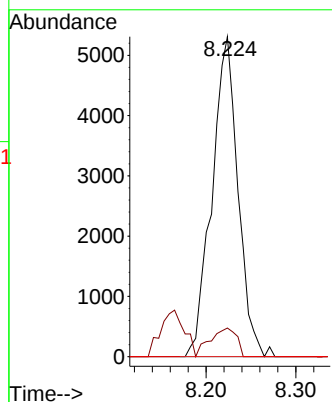
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	10705
Ion Ratio	Lower	Upper	
75	100		
110	9.1	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.038 ug/l

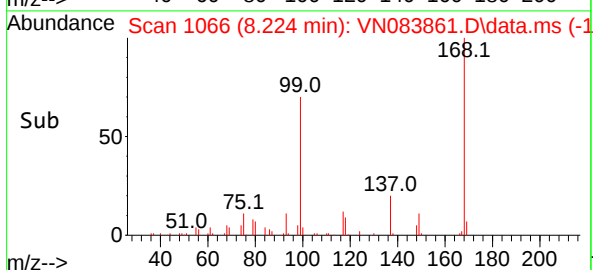
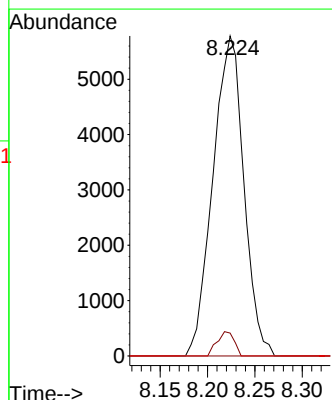
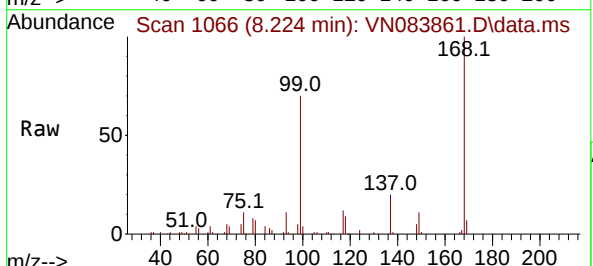
RT: 8.224 min Scan# 1066

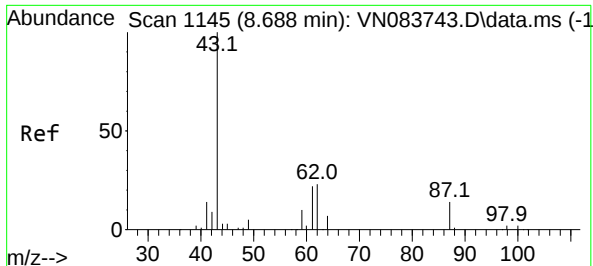
Delta R.T. -0.135 min

Lab File: VN083861.D

Acq: 13 Sep 2024 08:12

Tgt Ion:	117	Resp:	13133
Ion Ratio	Lower	Upper	
117	100		
119	7.1	76.1	114.1#
121	0.0	24.1	36.1#

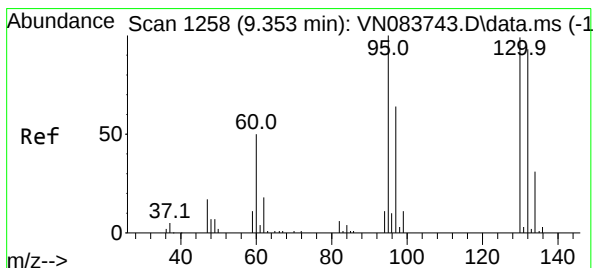
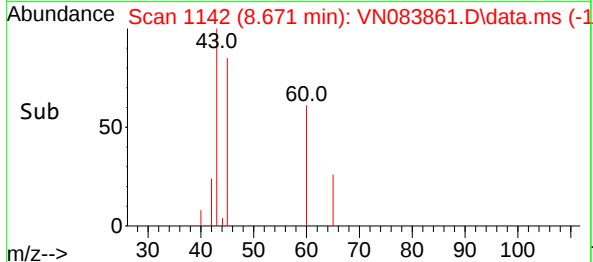
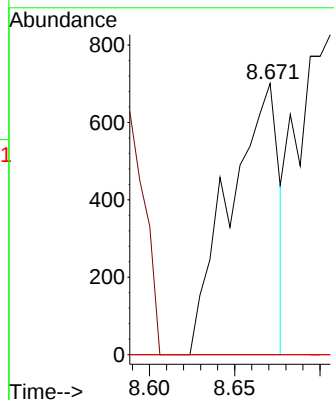
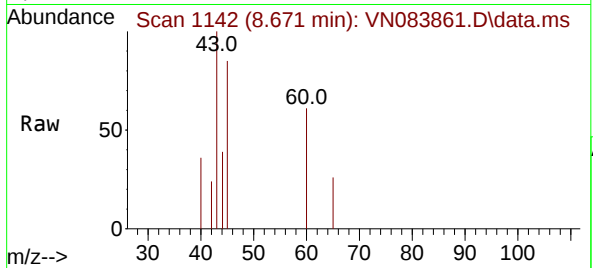




#43
Isopropyl Acetate
Concen: 0.371 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

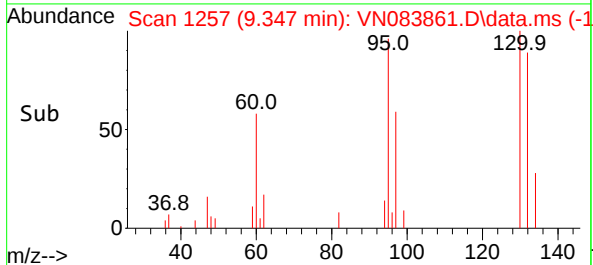
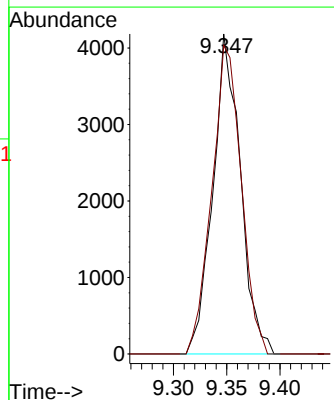
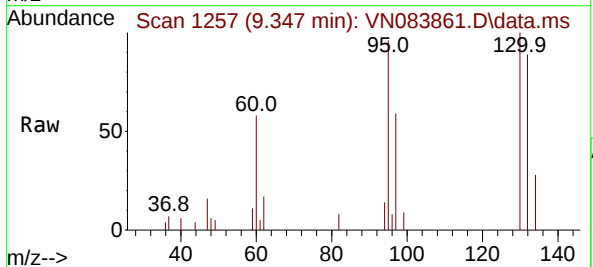
Instrument :
MSVOA_N
ClientSampleId :

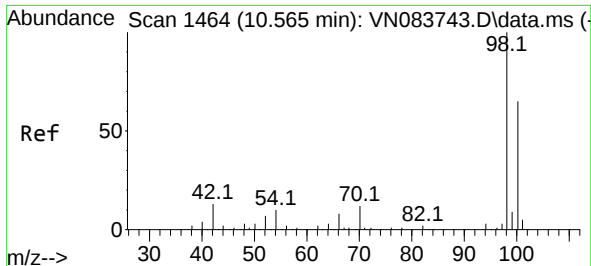
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 4.694 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Tgt Ion:130 Resp: 7518
Ion Ratio Lower Upper
130 100
95 96.4 0.0 200.4

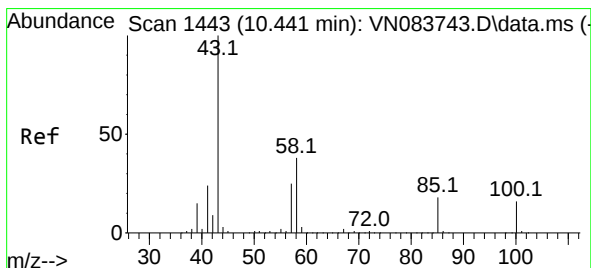
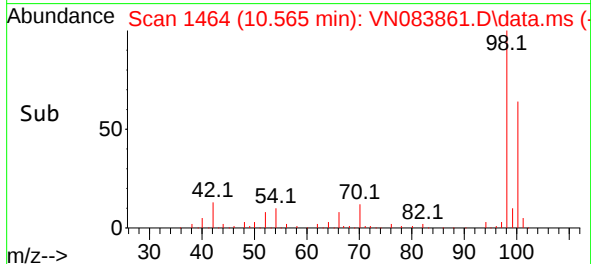
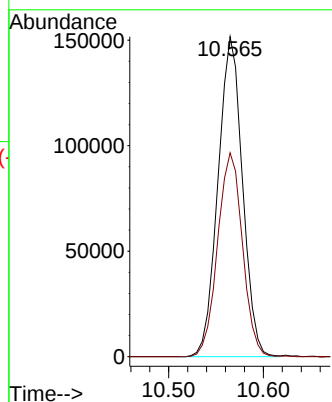
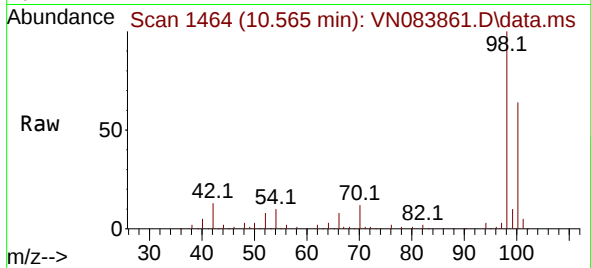




#50
Toluene-d8
Concen: 51.594 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

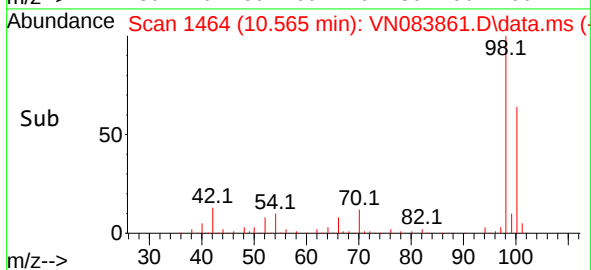
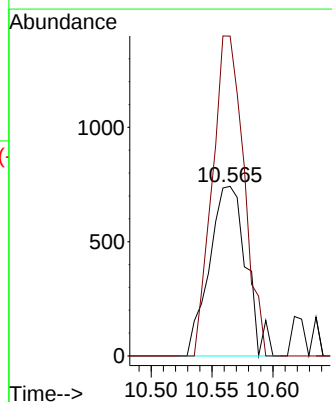
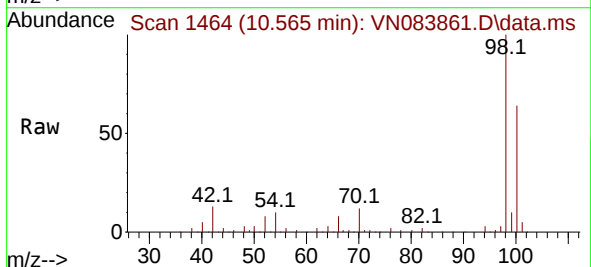
Instrument :
MSVOA_N
ClientSampleId :

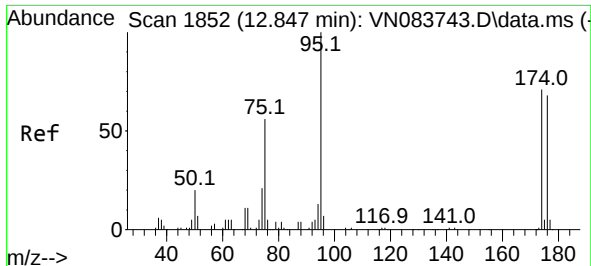
Tgt Ion: 98 Resp: 272297
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.758 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 161.7 31.6 47.4#

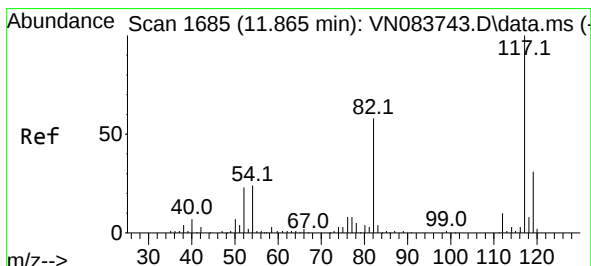
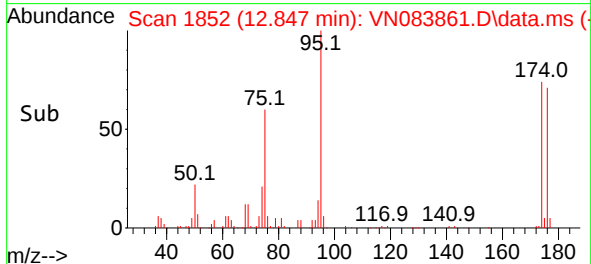
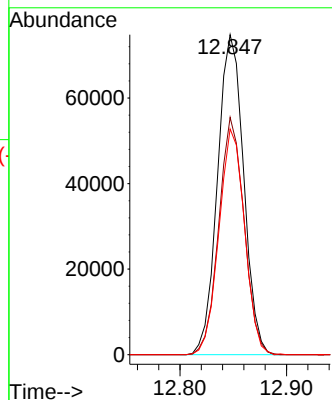
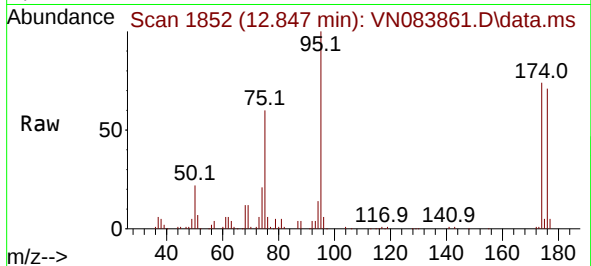




#62
4-Bromofluorobenzene
Concen: 58.447 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

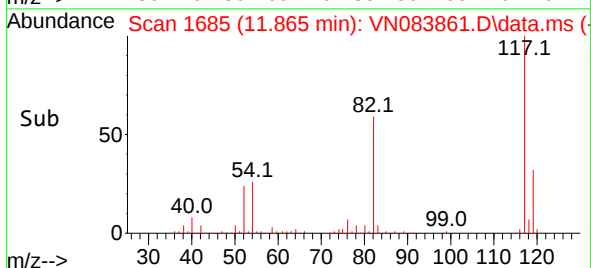
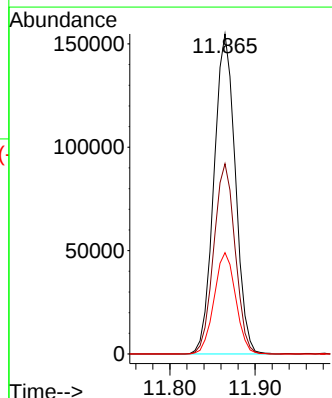
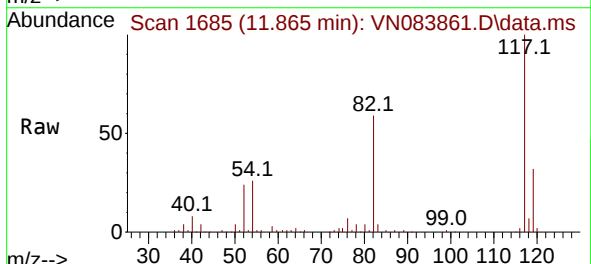
Instrument :
MSVOA_N
ClientSampleId :

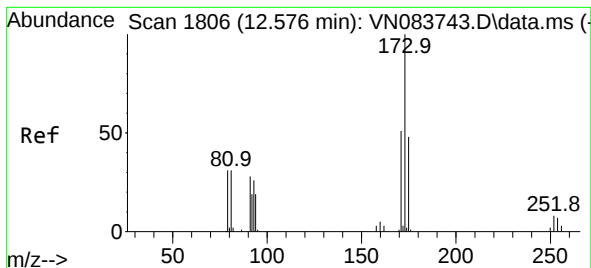
Tgt Ion: 95 Resp: 127265
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 69.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Tgt Ion: 117 Resp: 270349
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.6 26.3 39.5





#71

Bromoform

Concen: 0.507 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

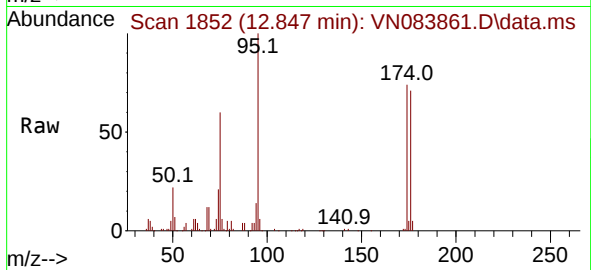
Lab File: VN083861.D

Acq: 13 Sep 2024 08:12

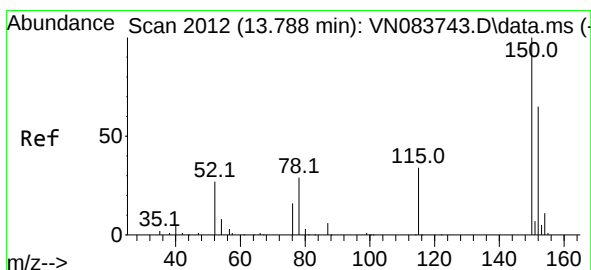
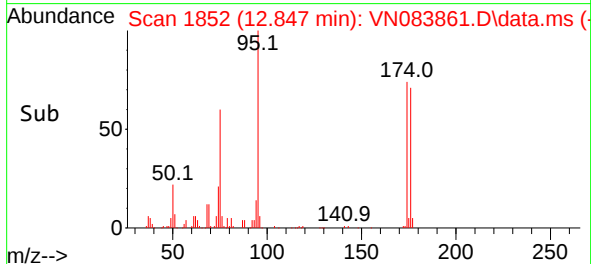
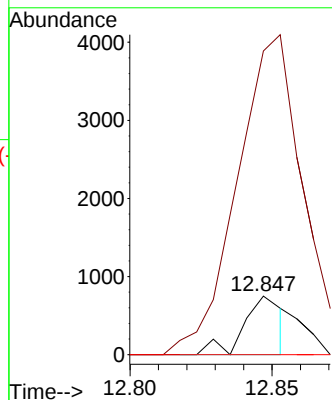
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	711
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

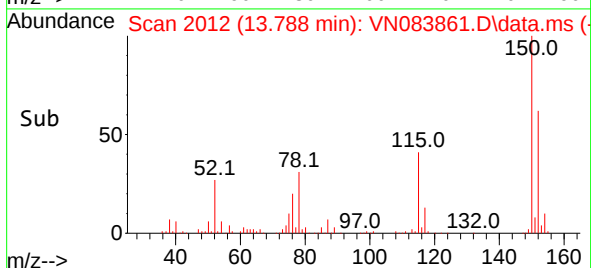
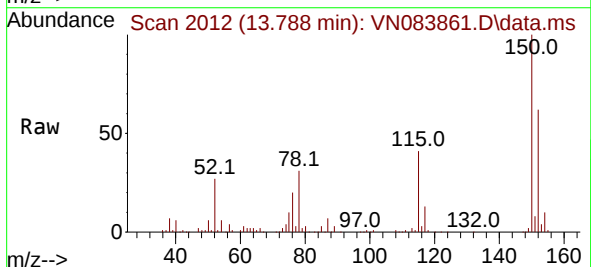
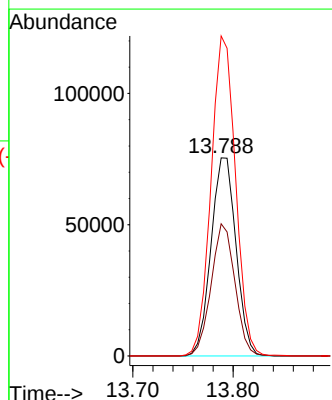
RT: 13.788 min Scan# 2012

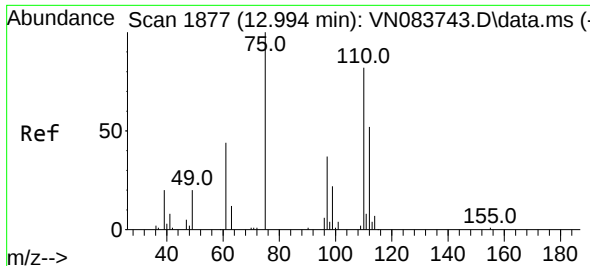
Delta R.T. 0.000 min

Lab File: VN083861.D

Acq: 13 Sep 2024 08:12

Tgt Ion:	152	Resp:	130831
Ion Ratio	Lower	Upper	
152	100		
115	63.5	32.2	96.6
150	158.2	0.0	348.6

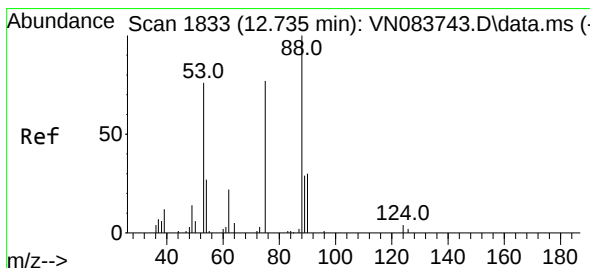
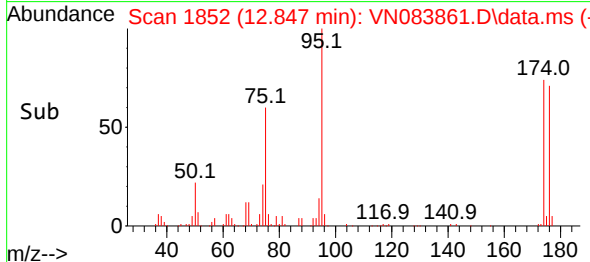
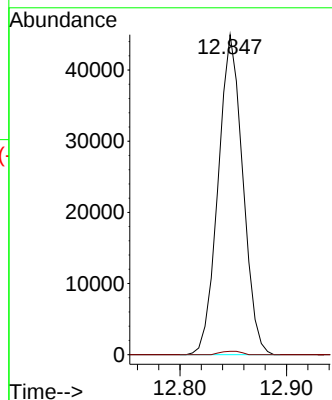
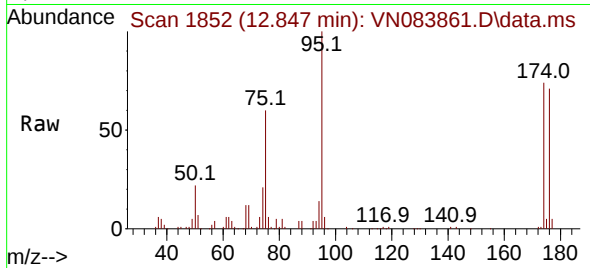




#76
1,2,3-Trichloropropane
Concen: 27.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 72277
Ion Ratio Lower Upper
75 100
77 0.9 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.707 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083861.D
Acq: 13 Sep 2024 08:12

Tgt Ion: 75 Resp: 72277
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

