

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083605.D
 Acq On : 31 Aug 2024 09:21
 Operator : JC\MD
 Sample : P3769-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:02:19 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	139828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148703	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112164	57.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.800%
35) Dibromofluoromethane	8.165	113	89653	51.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	10.565	98	323409	47.407	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.847	95	151135	59.795	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.600%

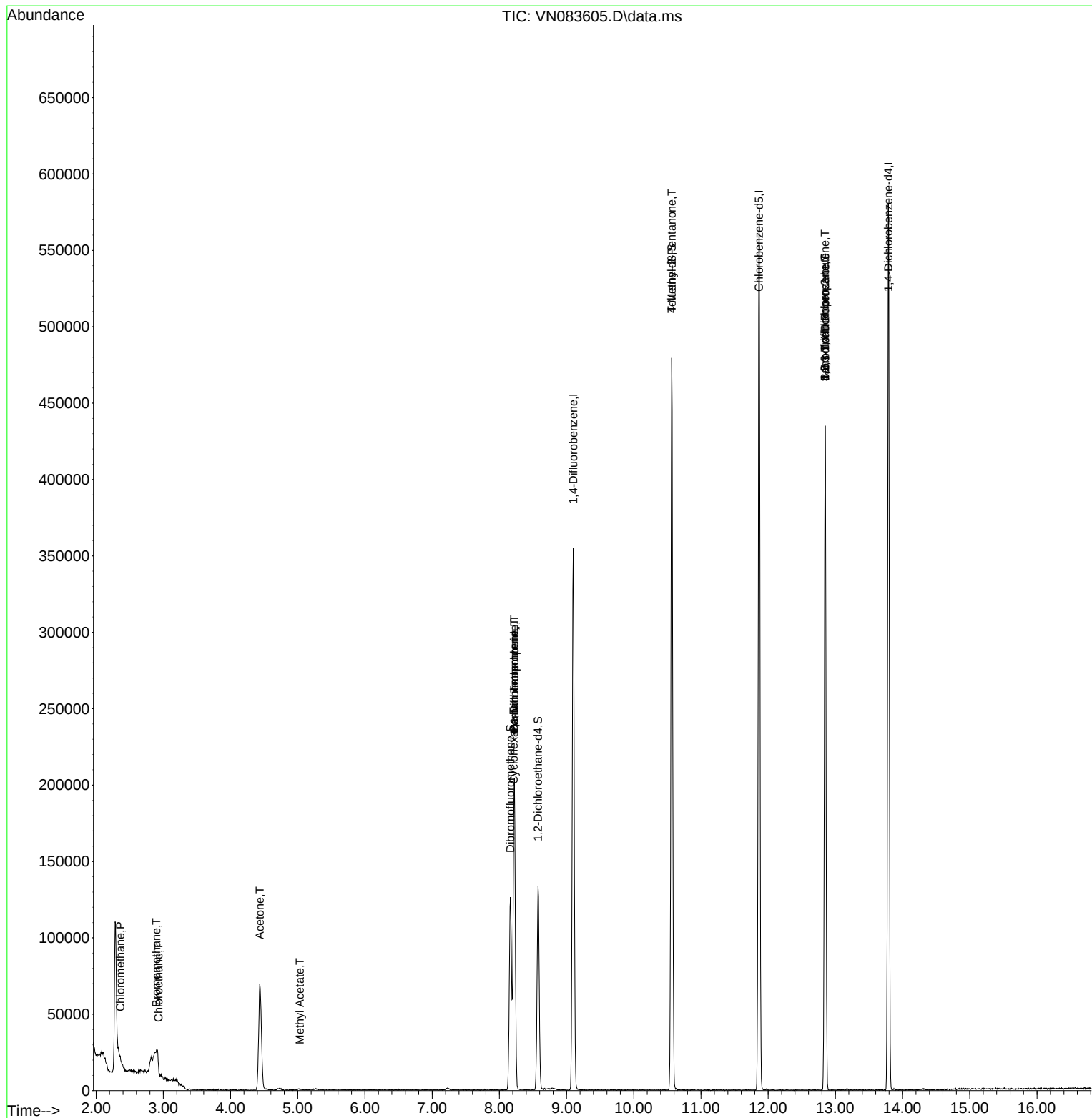
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	1362	0.790	ug/l #	76
5) Bromomethane	2.895	94	194	0.214	ug/l #	2
6) Chloroethane	2.930	64	486	0.431	ug/l #	45
16) Acetone	4.436	43	2222	2.851	ug/l #	80
18) Methyl Acetate	5.030	43	1106	0.534	ug/l #	52
31) Cyclohexane	8.212	56	3416	1.130	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	12627	4.725	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16529	5.421	ug/l #	17
43) Isopropyl Acetate	8.682	43	281	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1471	0.595	ug/l #	1
71) Bromoform	12.847	173	910	0.539	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	83980	27.972	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83980	65.974	ug/l #	9

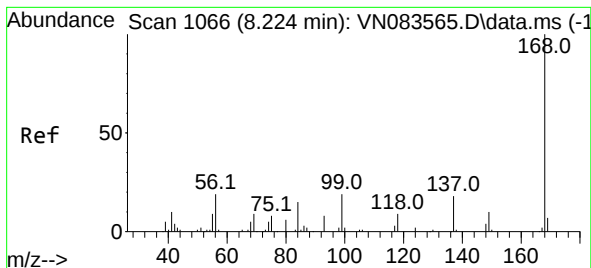
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
Data File : VN083605.D
Acq On : 31 Aug 2024 09:21
Operator : JC\MD
Sample : P3769-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 02 01:02:19 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN083605.D

Acq: 31 Aug 2024 09:21

Instrument :

MSVOA_N

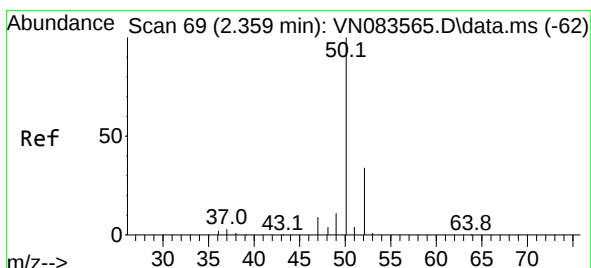
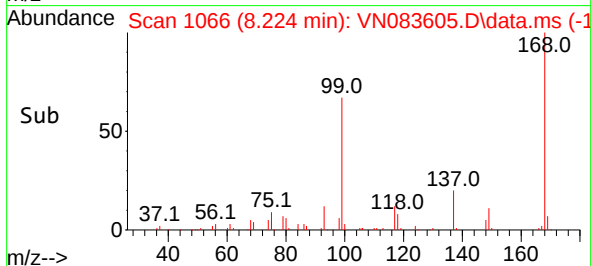
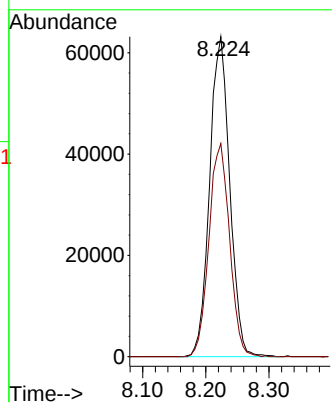
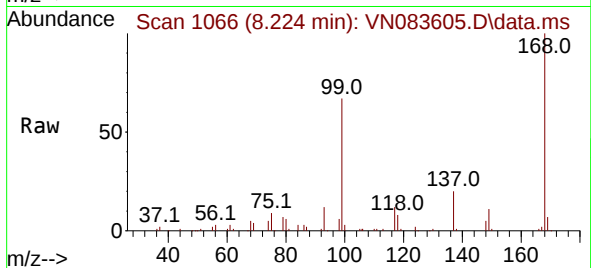
ClientSampleId :

Tgt Ion:168 Resp: 139828

Ion Ratio Lower Upper

168 100

99 66.6 54.2 81.2



#3

Chloromethane

Concen: 0.790 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083605.D

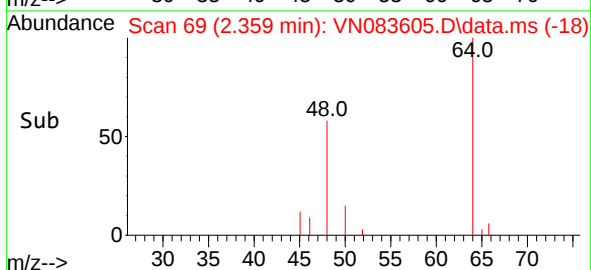
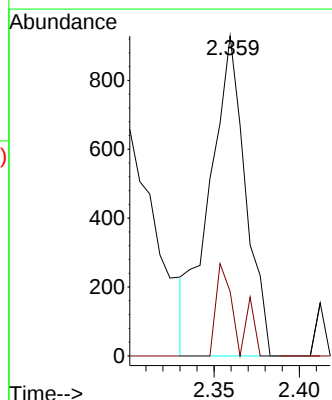
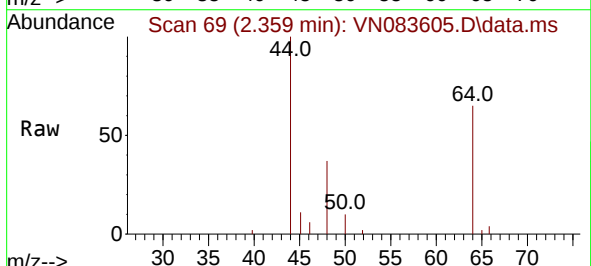
Acq: 31 Aug 2024 09:21

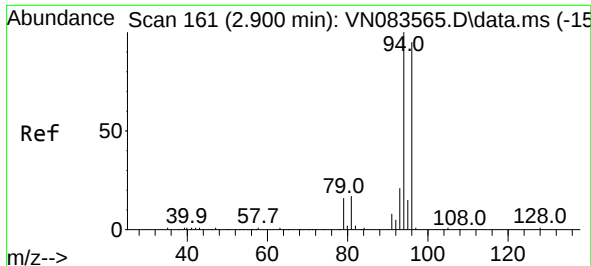
Tgt Ion: 50 Resp: 1362

Ion Ratio Lower Upper

50 100

52 20.1 27.2 40.8#

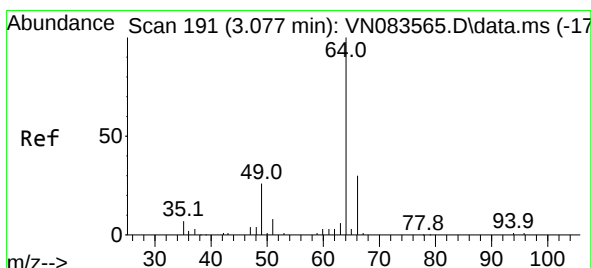
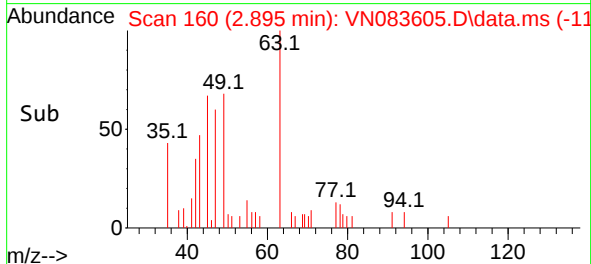
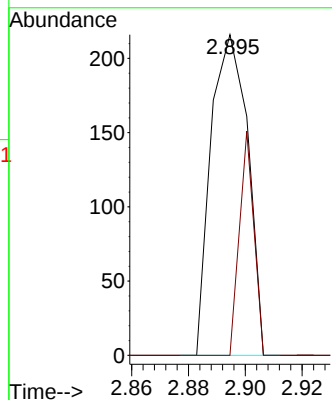
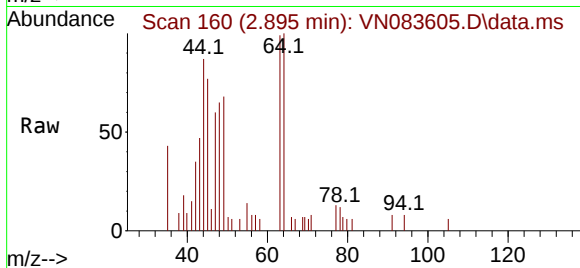




#5
Bromomethane
Concen: 0.214 ug/l
RT: 2.895 min Scan# 161
Delta R.T. -0.006 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

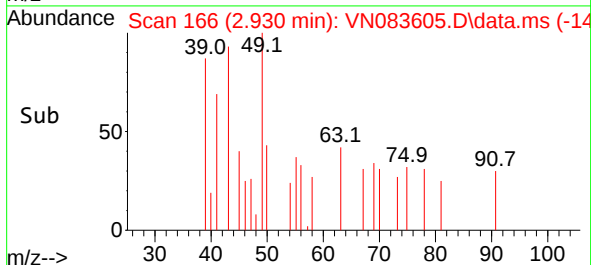
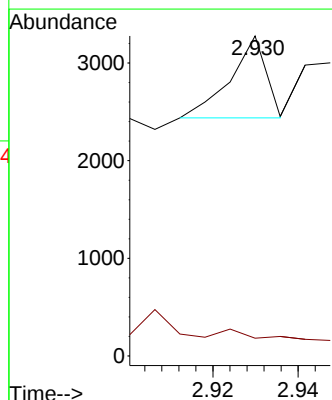
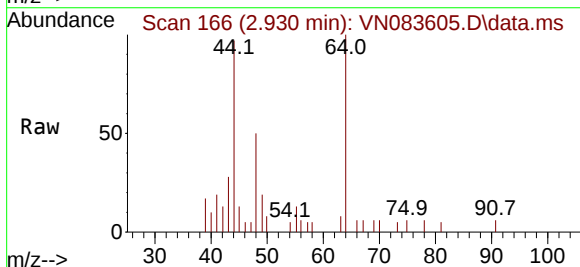
Instrument :
MSVOA_N
ClientSampleId :

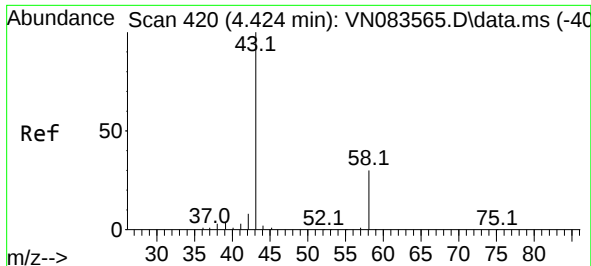
Tgt Ion: 94 Resp: 194
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.431 ug/l
RT: 2.930 min Scan# 166
Delta R.T. -0.147 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

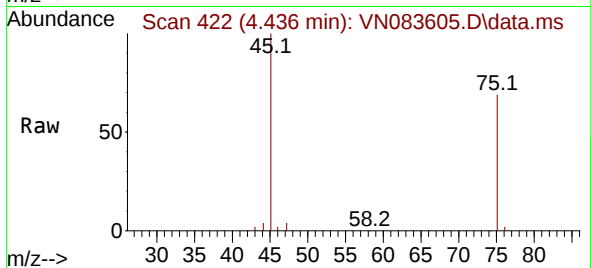
Tgt Ion: 64 Resp: 486
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



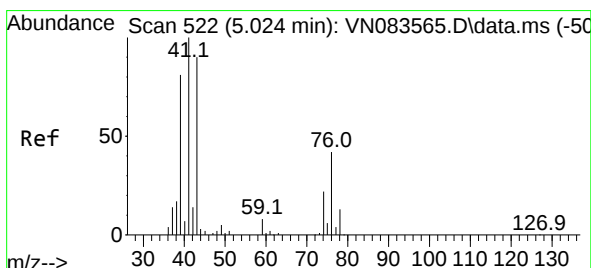
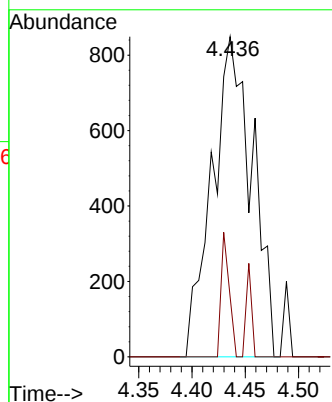
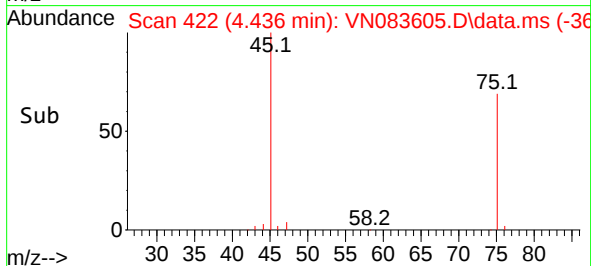


#16
Acetone
Concen: 2.851 ug/l
RT: 4.436 min Scan# 431
Delta R.T. 0.012 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Instrument :
MSVOA_N
ClientSampleId :

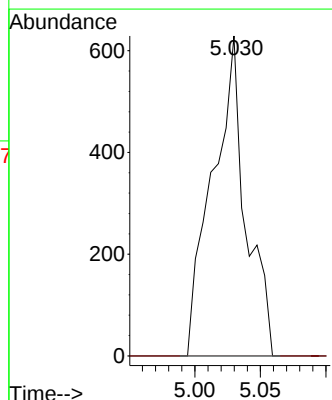
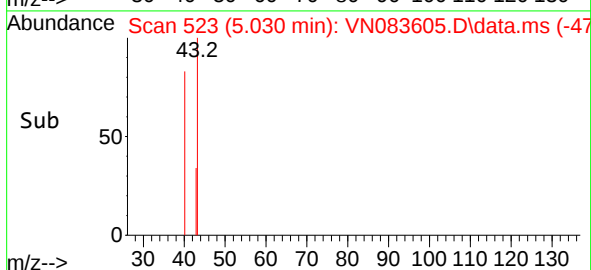
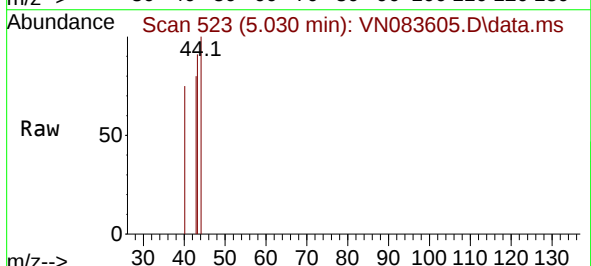


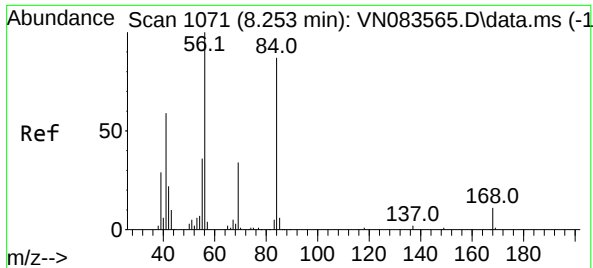
Tgt Ion: 43 Resp: 2222
Ion Ratio Lower Upper
43 100
58 18.7 23.7 35.5#



#18
Methyl Acetate
Concen: 0.534 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

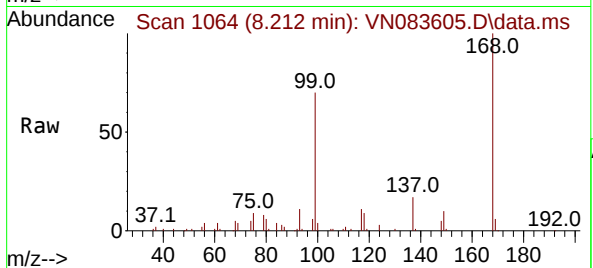
Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



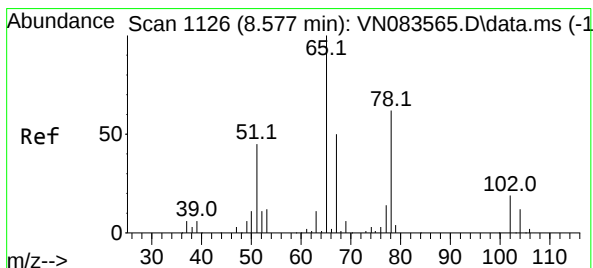
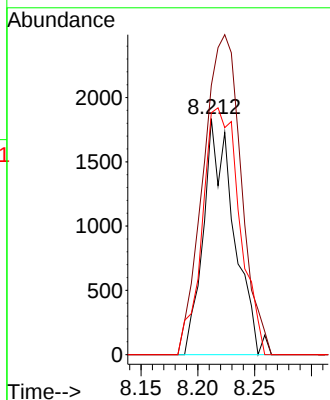
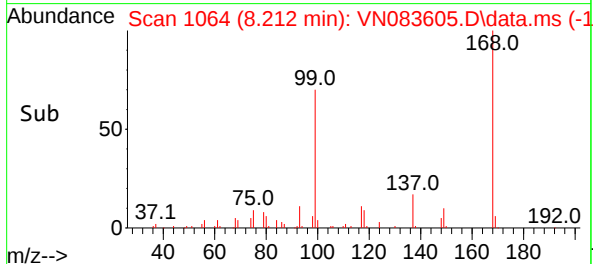


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Instrument :
MSVOA_N
ClientSampleId :

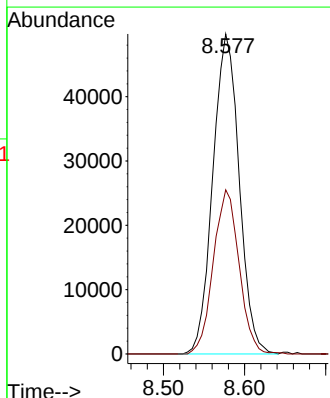
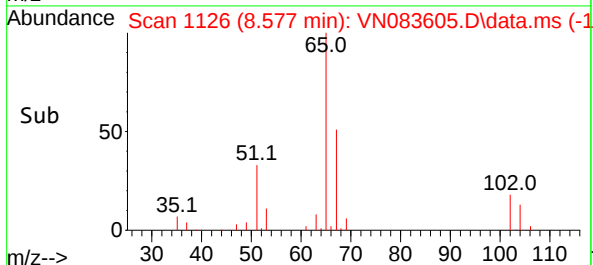
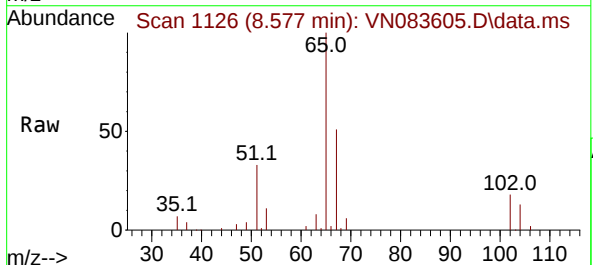


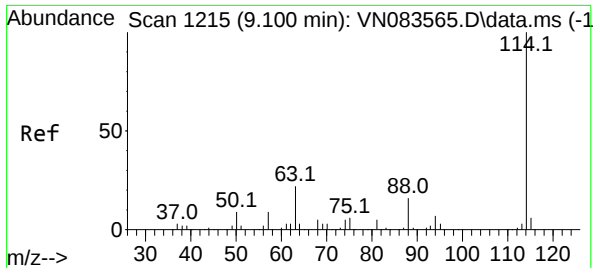
Tgt Ion: 56 Resp: 3416
Ion Ratio Lower Upper
56 100
69 114.1 26.9 40.3#
84 102.6 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 57.395 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Tgt Ion: 65 Resp: 112164
Ion Ratio Lower Upper
65 100
67 50.2 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: VN083605.D

Acq: 31 Aug 2024 09:21

Instrument :

MSVOA_N

ClientSampleId :

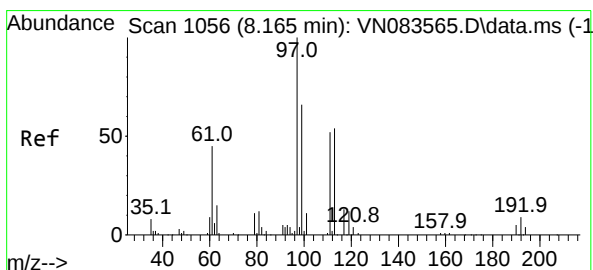
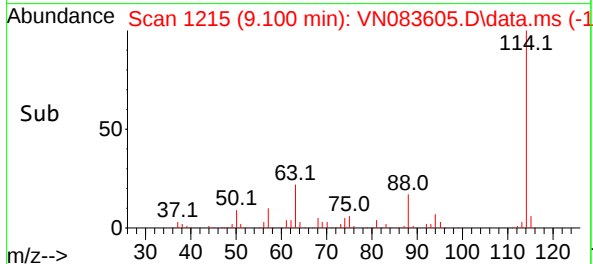
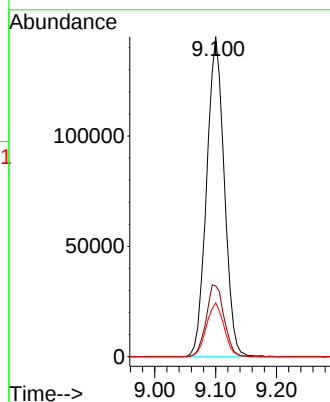
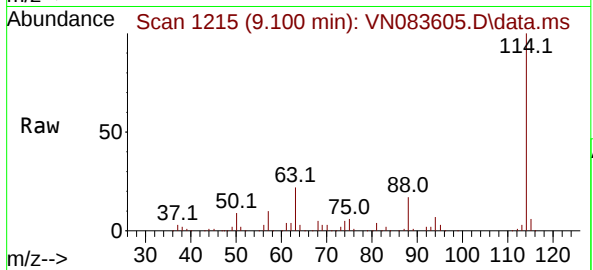
Tgt Ion:114 Resp: 291105

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.169 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083605.D

Acq: 31 Aug 2024 09:21

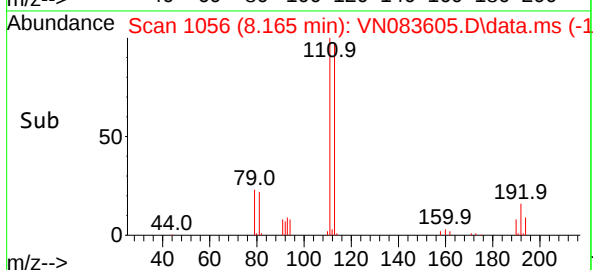
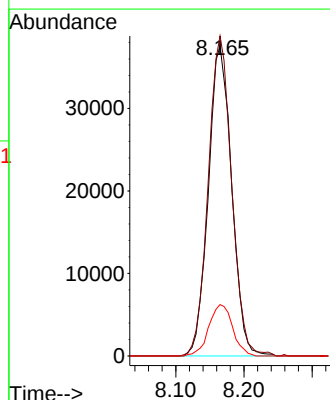
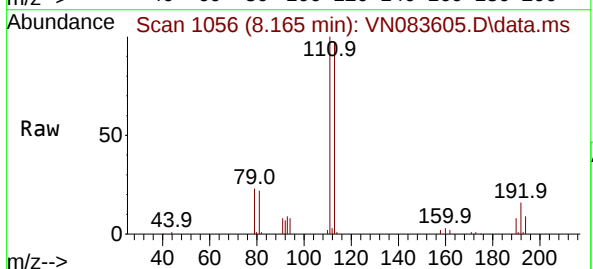
Tgt Ion:113 Resp: 89653

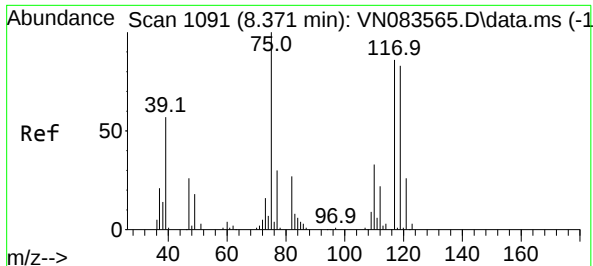
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 16.9 14.3 21.5

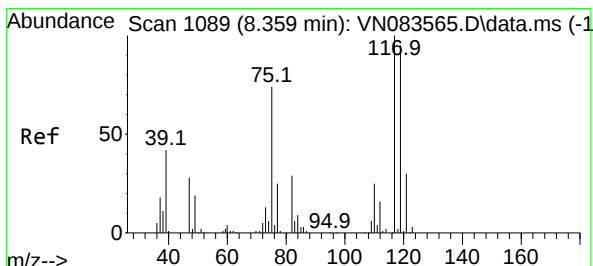
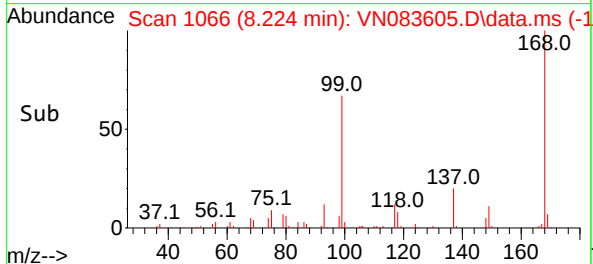
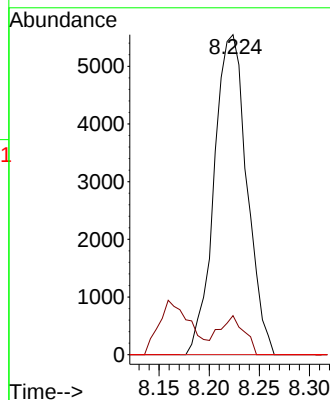
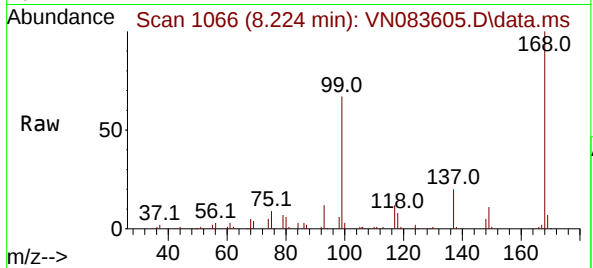




#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

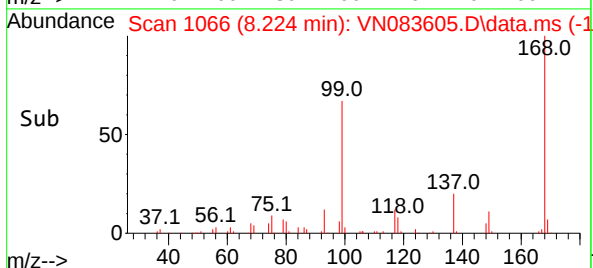
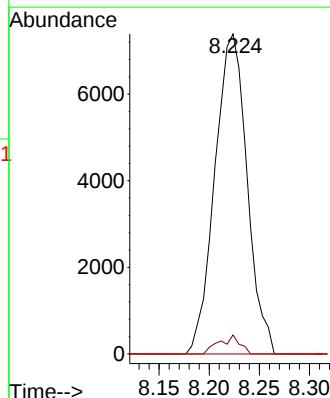
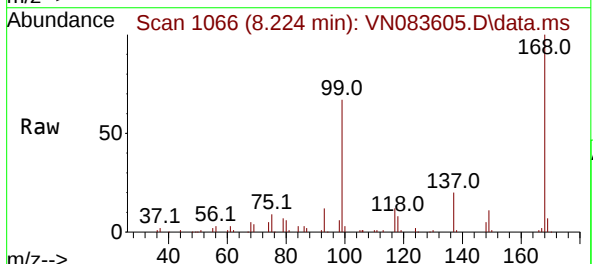
Instrument :
MSVOA_N
ClientSampleId :

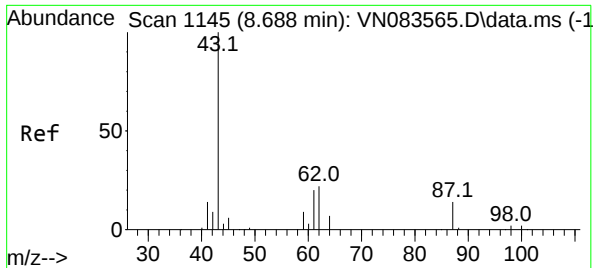
Tgt Ion: 75 Resp: 12627
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.421 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

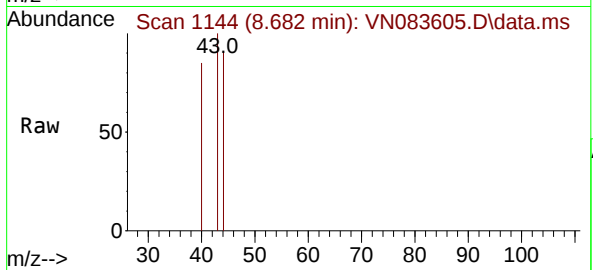
Tgt Ion: 117 Resp: 16529
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 24.1 36.1#



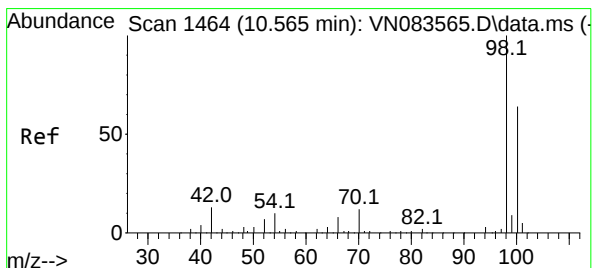
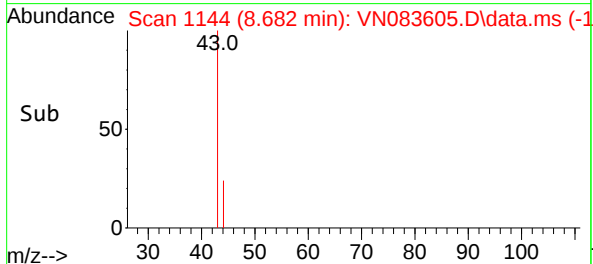
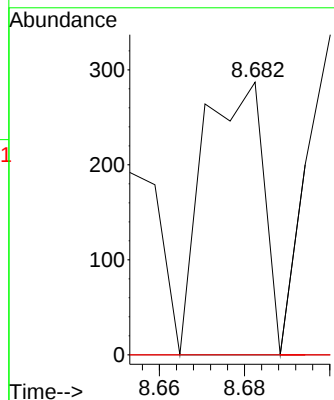


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Instrument :
MSVOA_N
ClientSampleId :

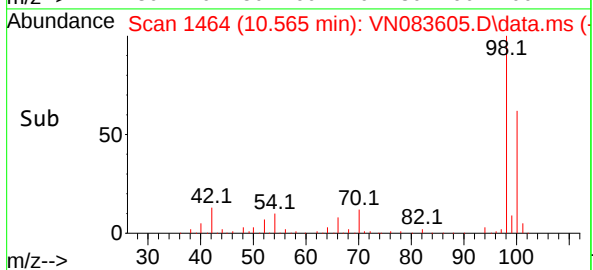
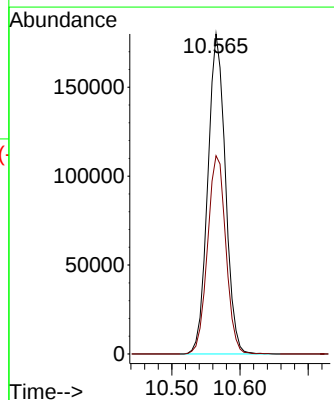
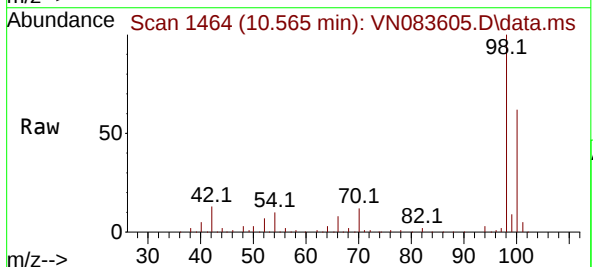


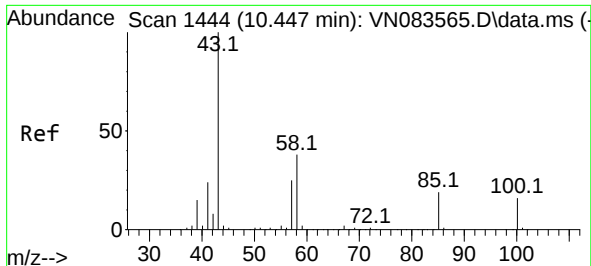
Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 47.407 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Tgt Ion: 98 Resp: 323409
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

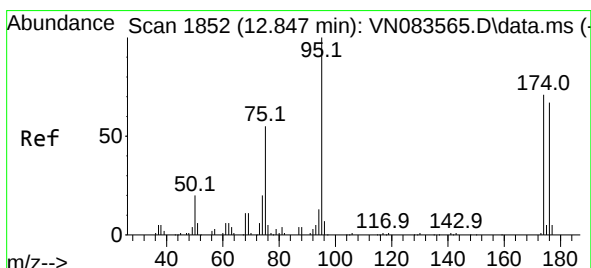
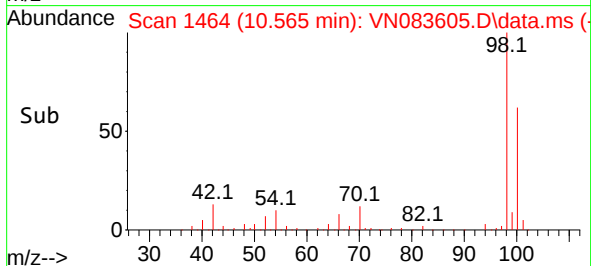
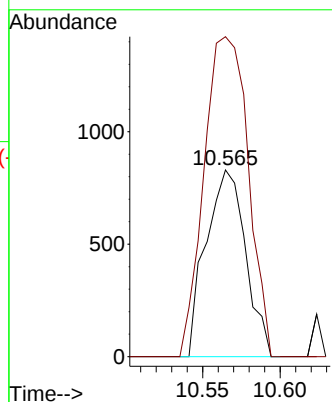
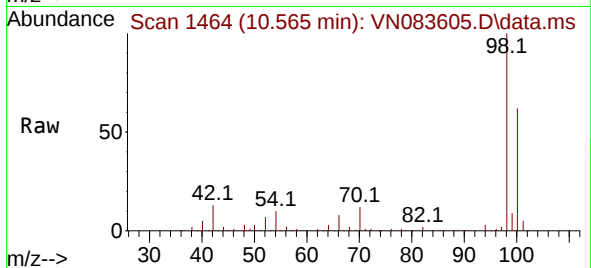




#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

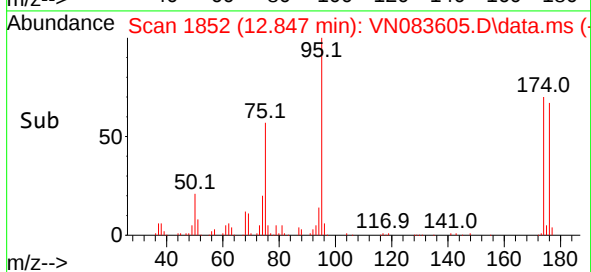
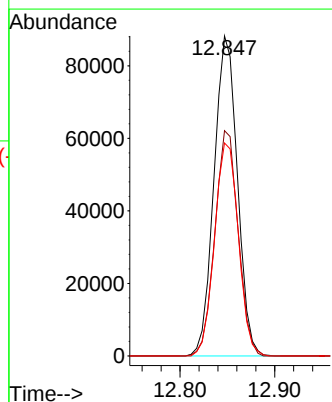
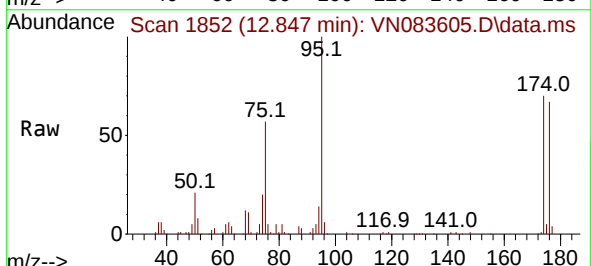
Instrument :
MSVOA_N
ClientSampleId :

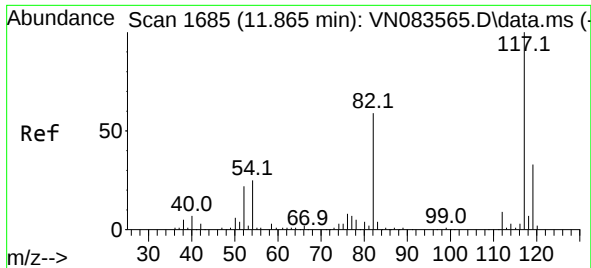
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
58 191.6 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 59.795 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Tgt Ion: 95 Resp: 151135
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.9 0.0 131.4

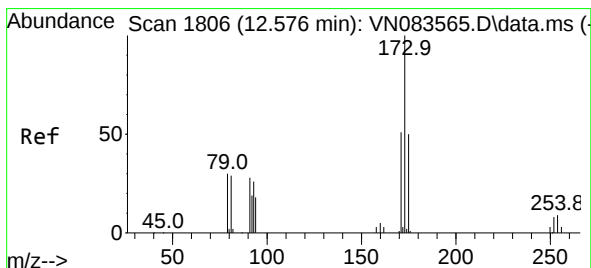
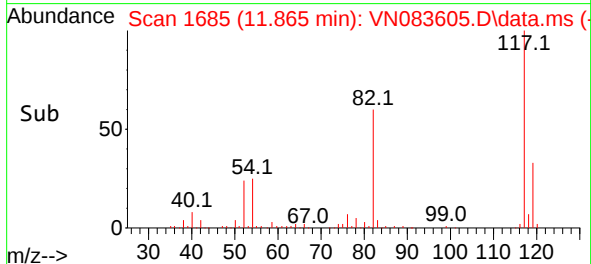
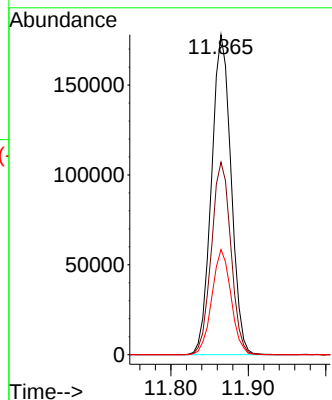
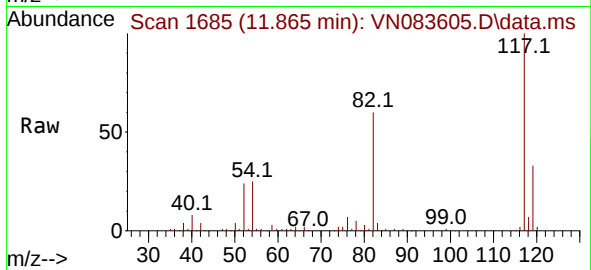




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

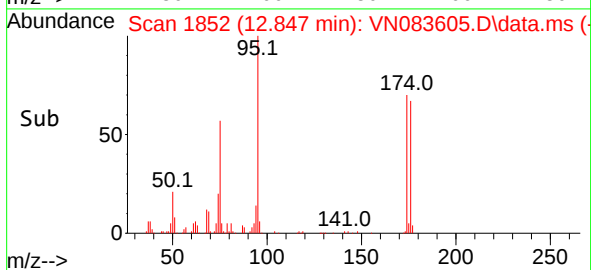
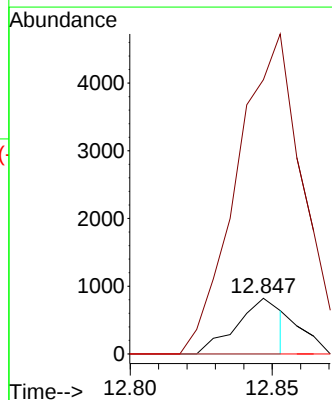
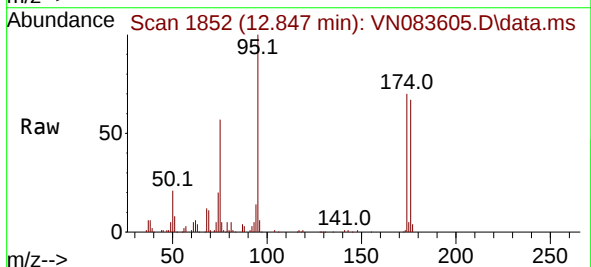
Instrument :
MSVOA_N
ClientSampleId :

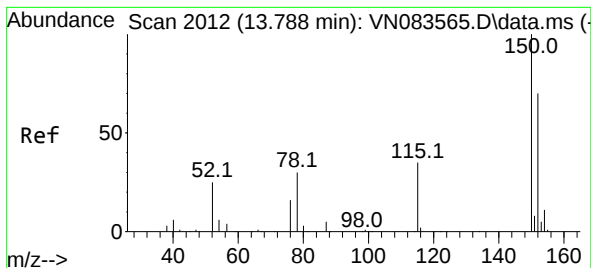
Tgt Ion:117 Resp: 312830
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 32.8 26.3 39.5



#71
Bromoform
Concen: 0.539 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Tgt Ion:173 Resp: 910
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: VN083605.D

Acq: 31 Aug 2024 09:21

Instrument :

MSVOA_N

ClientSampleId :

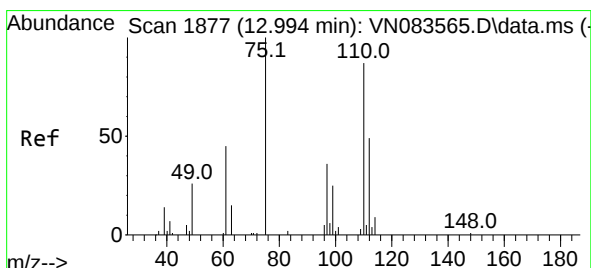
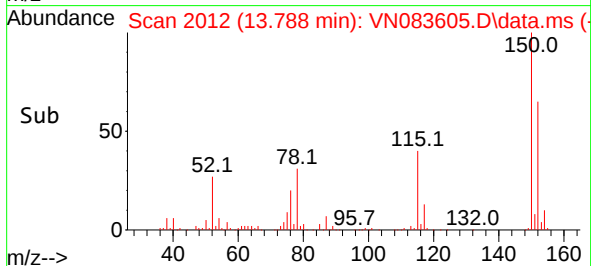
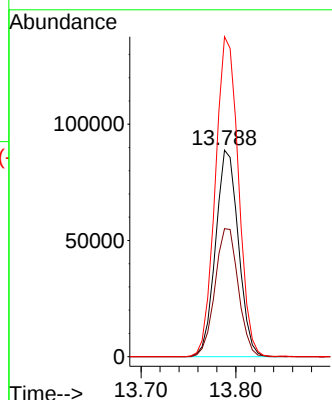
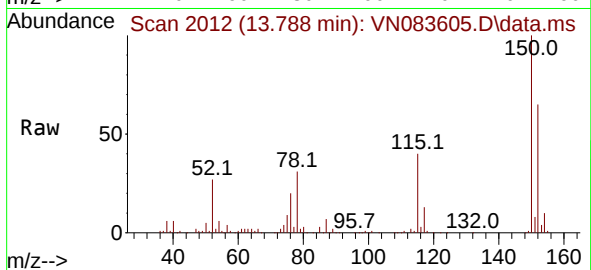
Tgt Ion:152 Resp: 148703

Ion Ratio Lower Upper

152 100

115 63.4 32.2 96.6

150 156.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.972 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083605.D

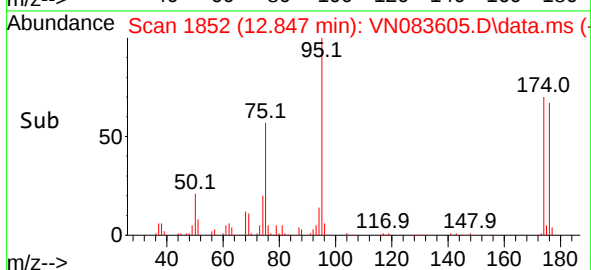
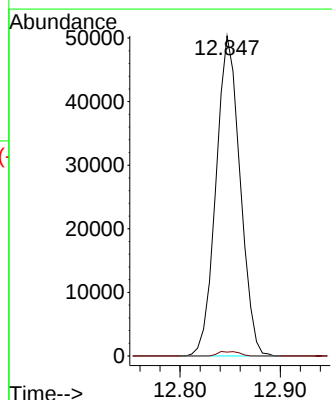
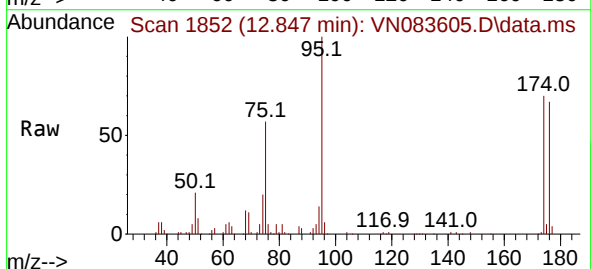
Acq: 31 Aug 2024 09:21

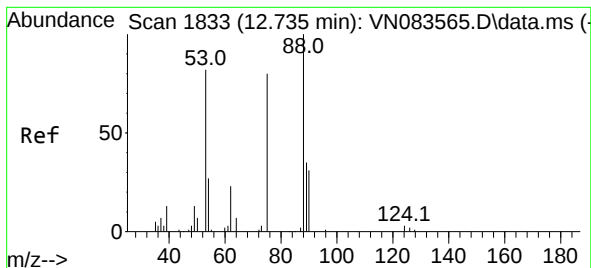
Tgt Ion: 75 Resp: 83980

Ion Ratio Lower Upper

75 100

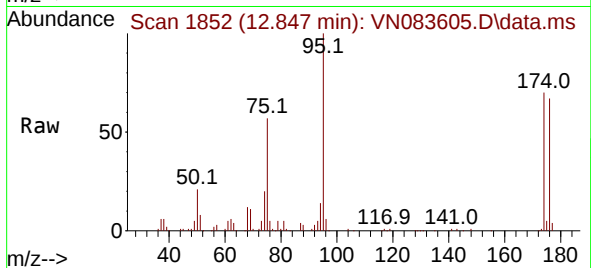
77 1.2 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.974 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083605.D
Acq: 31 Aug 2024 09:21

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 83980
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

