

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083601.D
 Acq On : 31 Aug 2024 07:45
 Operator : JC\MD
 Sample : P3769-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:00:31 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)

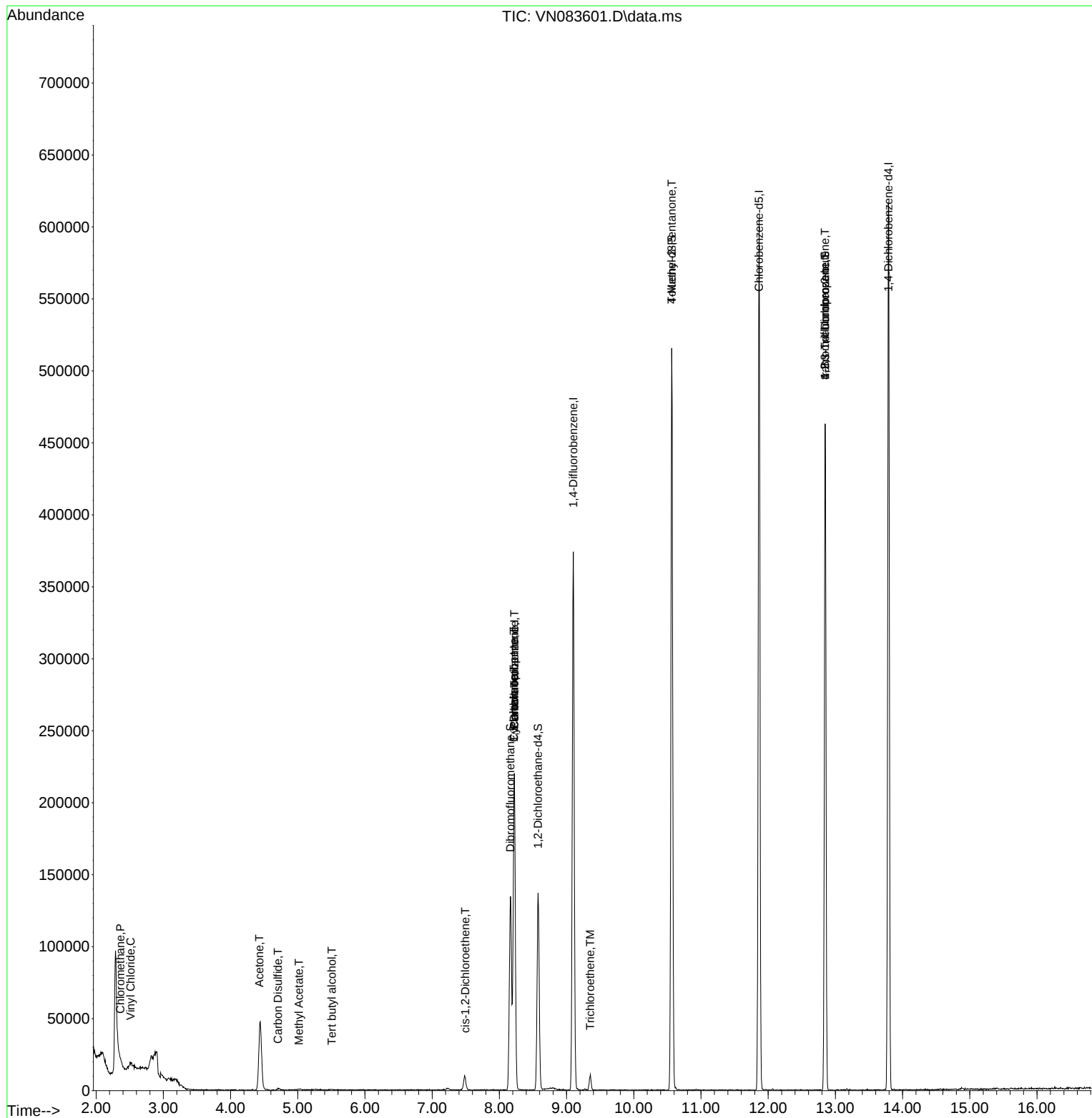
Internal Standards						
1) Pentafluorobenzene	8.224	168	151492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117847	55.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.320%
35) Dibromofluoromethane	8.165	113	95534	51.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.565	98	345744	47.703	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.847	95	159926	59.565	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1669	0.894	ug/l #	82
4) Vinyl Chloride	2.512	62	1908	1.021	ug/l #	69
11) Tert butyl alcohol	5.506	59	136	0.412	ug/l #	71
16) Acetone	4.430	43	1924	2.279	ug/l #	45
17) Carbon Disulfide	4.706	76	1494	0.309	ug/l #	75
18) Methyl Acetate	5.018	43	919	0.409	ug/l #	52
27) cis-1,2-Dichloroethene	7.494	96	5430	2.632	ug/l	95
31) Cyclohexane	8.218	56	4249	1.297	ug/l #	39
36) 1,1-Dichloropropene	8.218	75	13667	4.814	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17911	5.530	ug/l #	16
43) Isopropyl Acetate	8.677	43	578	Below Cal	#	57
44) Trichloroethene	9.353	130	3671	1.747	ug/l	94
51) 4-Methyl-2-Pentanone	10.565	43	1680	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	90565	27.897	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90565	65.797	ug/l #	9

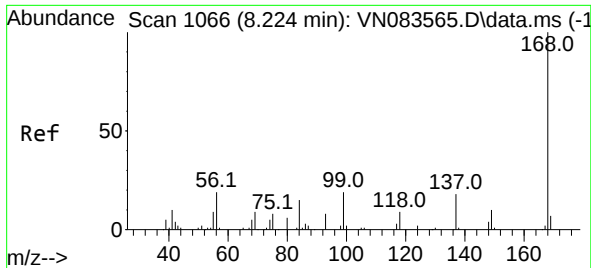
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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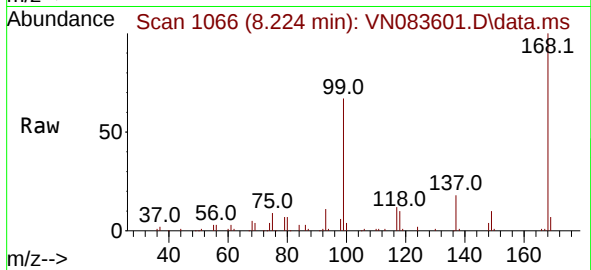
Quant Time: Sep 02 01:00:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



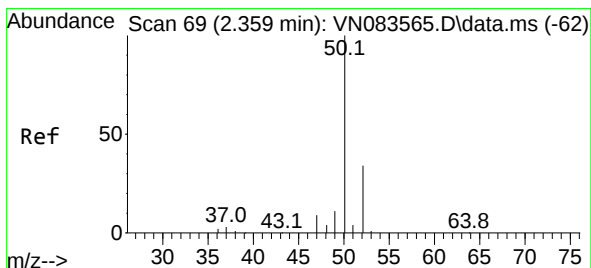
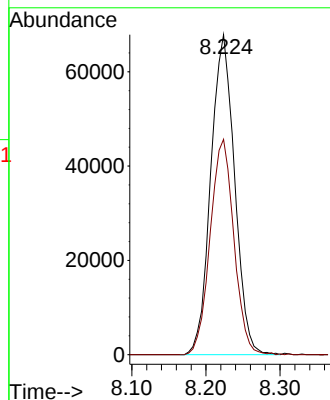
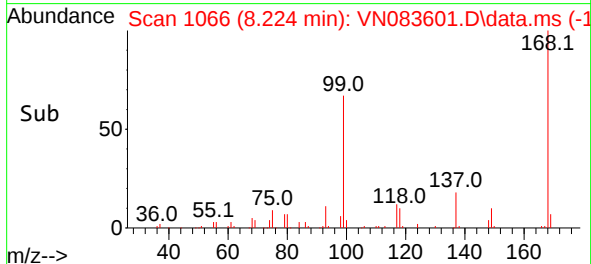


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Instrument :
MSVOA_N
ClientSampleId :

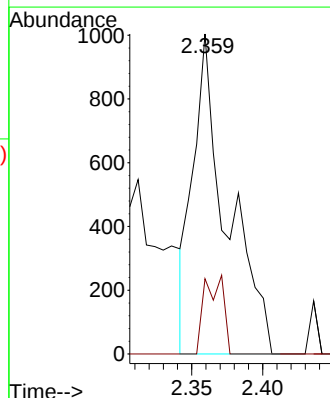
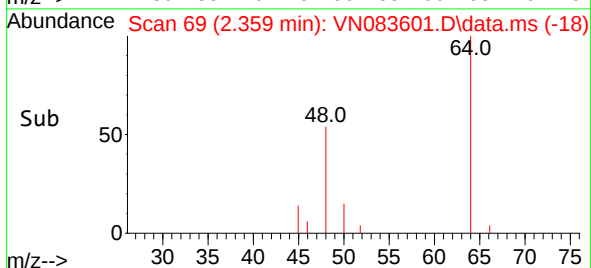
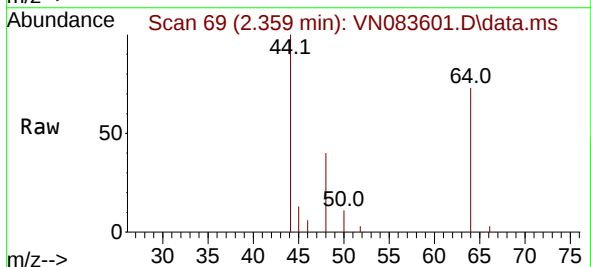


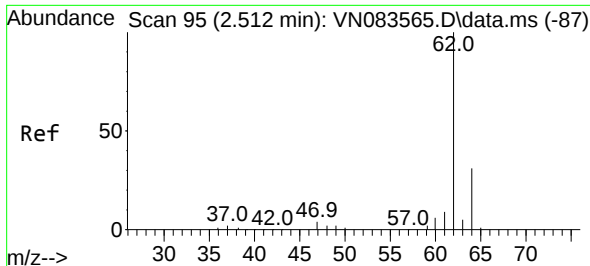
Tgt Ion:168 Resp: 151492
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#3
Chloromethane
Concen: 0.894 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

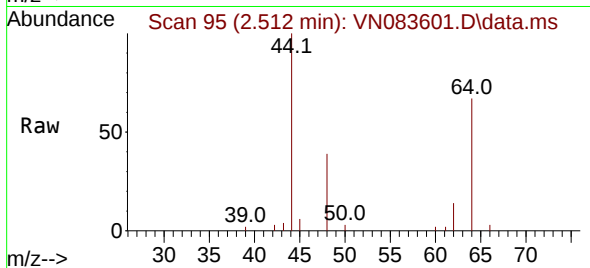
Tgt Ion: 50 Resp: 1669
Ion Ratio Lower Upper
50 100
52 23.5 27.2 40.8#



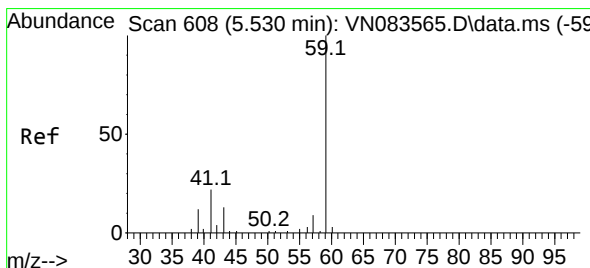
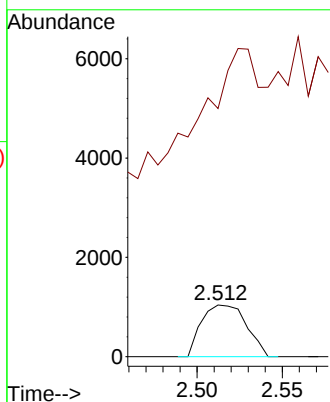
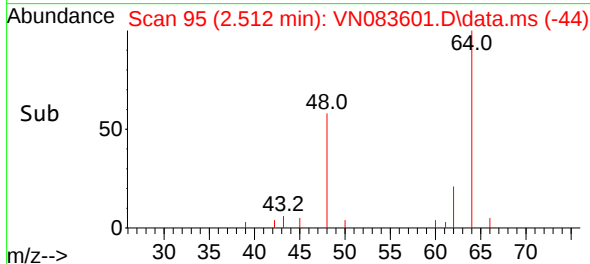


#4
 Vinyl Chloride
 Concen: 1.021 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN083601.D
 Acq: 31 Aug 2024 07:45

Instrument :
 MSVOA_N
 ClientSampleId :

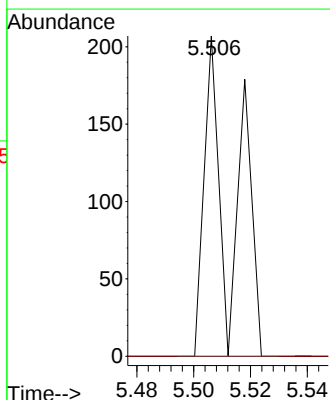
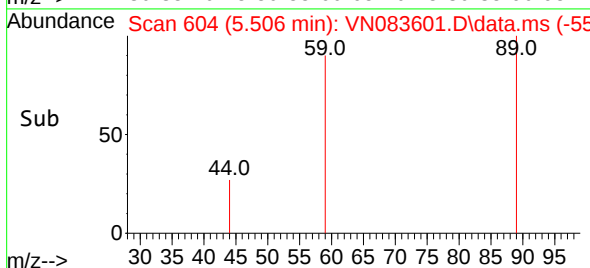
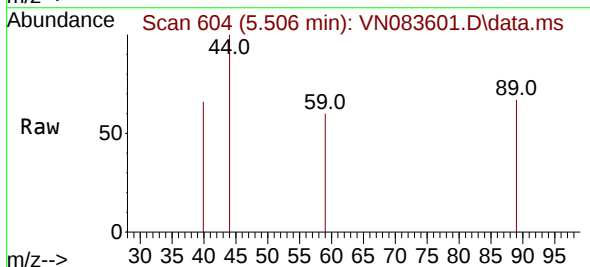


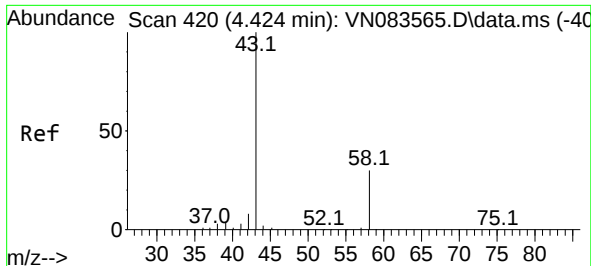
Tgt Ion: 62 Resp: 1908
 Ion Ratio Lower Upper
 62 100
 64 47.7 24.7 37.1#



#11
 Tert butyl alcohol
 Concen: 0.412 ug/l
 RT: 5.506 min Scan# 604
 Delta R.T. -0.024 min
 Lab File: VN083601.D
 Acq: 31 Aug 2024 07:45

Tgt Ion: 59 Resp: 136
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

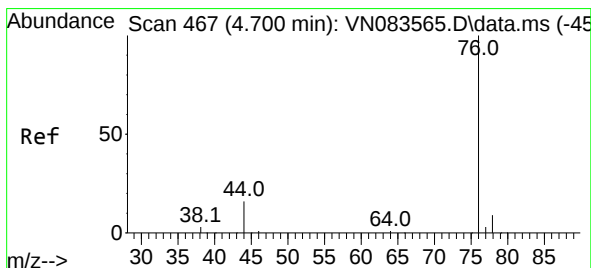
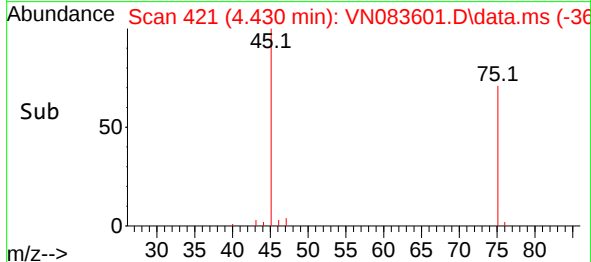
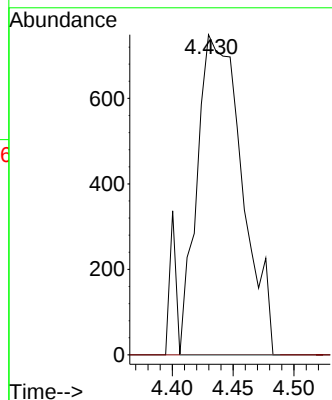
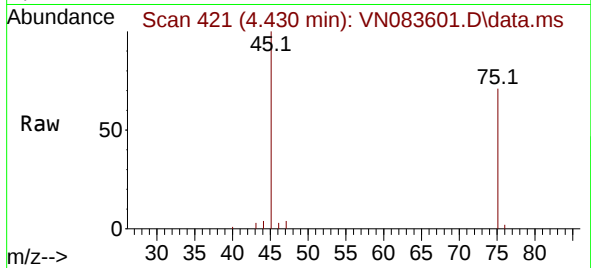




#16
Acetone
Concen: 2.279 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

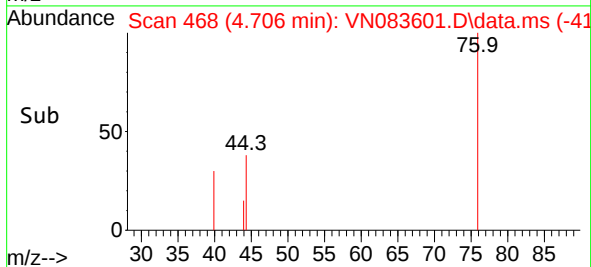
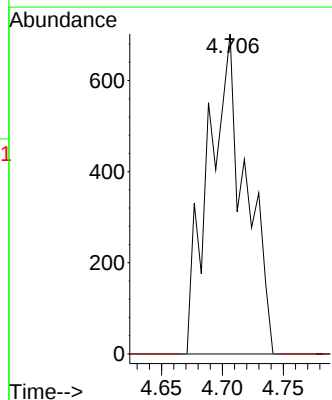
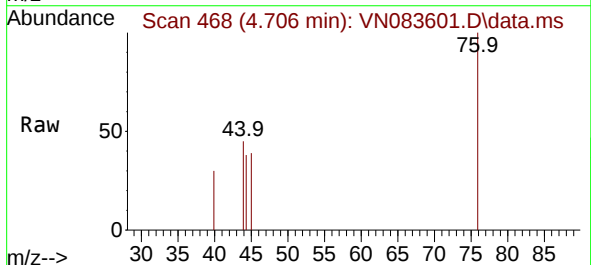
Instrument :
MSVOA_N
ClientSampleId :

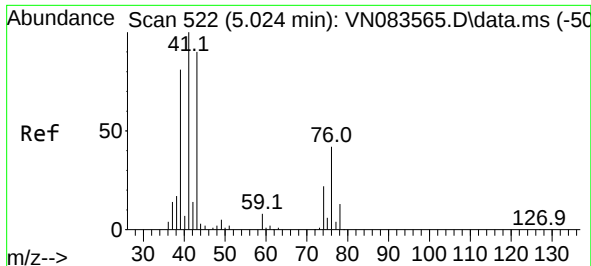
Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

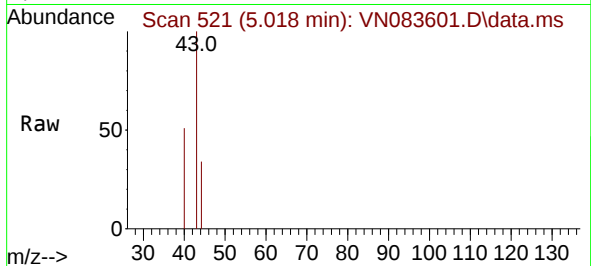
Tgt Ion: 76 Resp: 1494
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



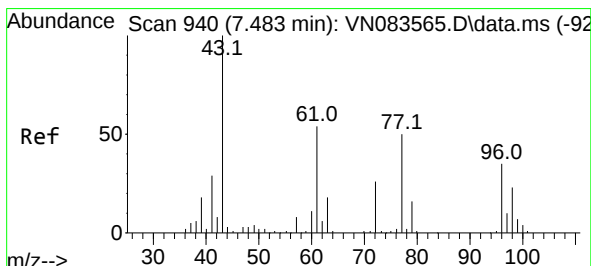
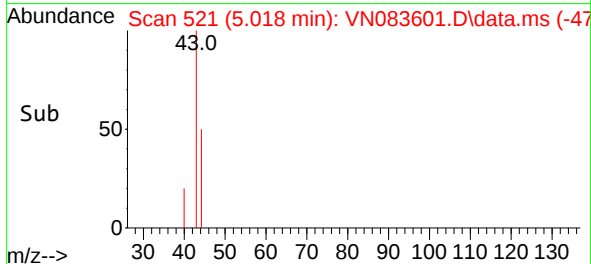
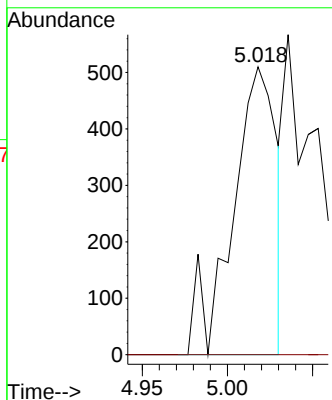


#18
Methyl Acetate
Concen: 0.409 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Instrument :
MSVOA_N
ClientSampleId :

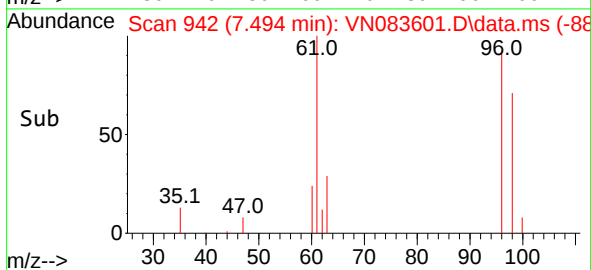
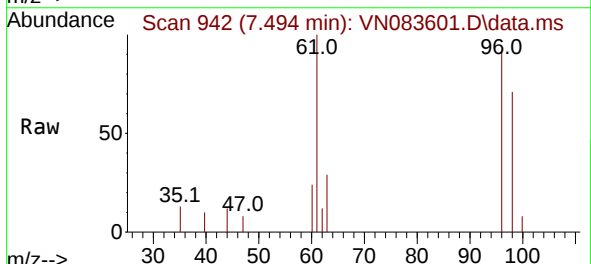
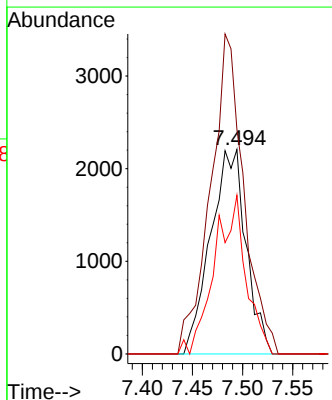


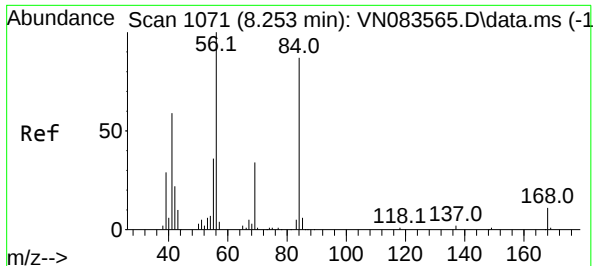
Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#27
cis-1,2-Dichloroethene
Concen: 2.632 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

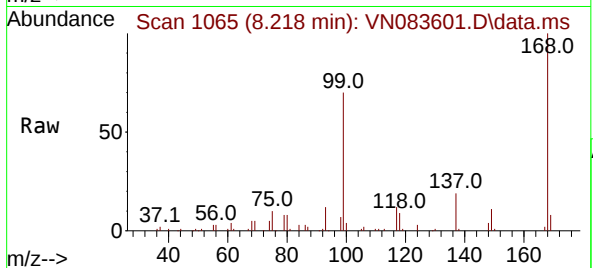
Tgt Ion: 96 Resp: 5430
Ion Ratio Lower Upper
96 100
61 146.4 0.0 306.2
98 68.7 0.0 128.6



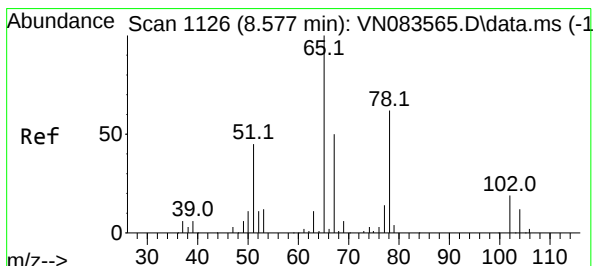
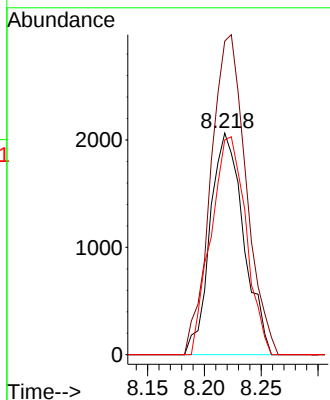
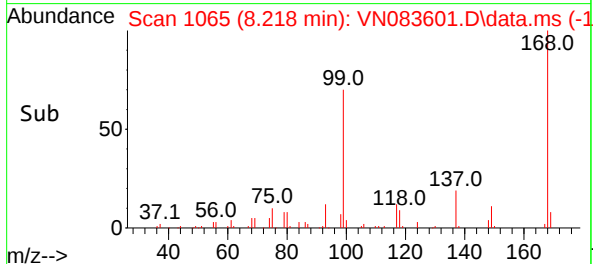


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Instrument :
MSVOA_N
ClientSampleId :

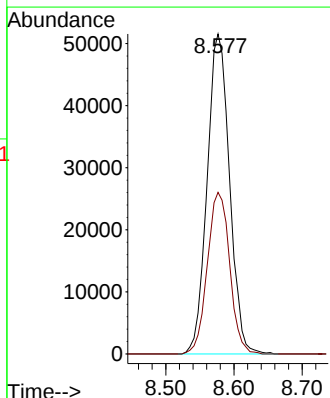
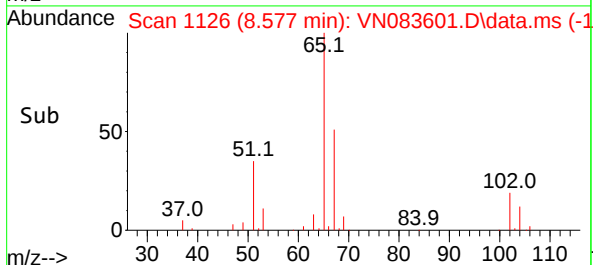
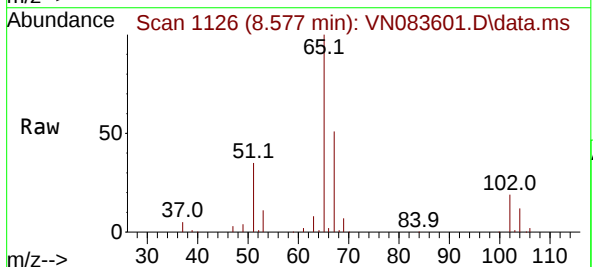


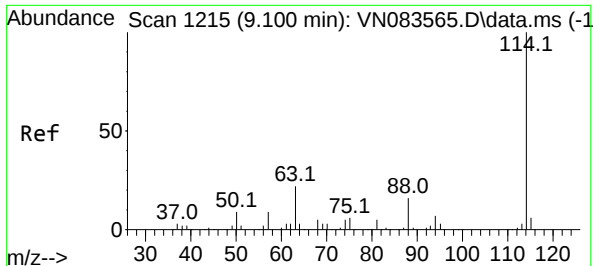
Tgt Ion: 56 Resp: 4249
Ion Ratio Lower Upper
56 100
69 141.5 26.9 40.3#
84 97.0 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 55.661 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Tgt Ion: 65 Resp: 117847
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083601.D

Acq: 31 Aug 2024 07:45

Instrument :

MSVOA_N

ClientSampleId :

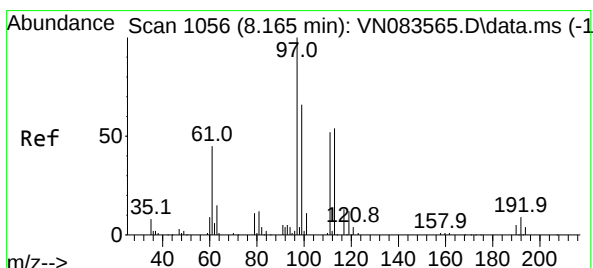
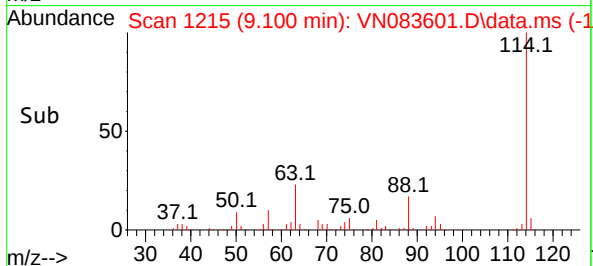
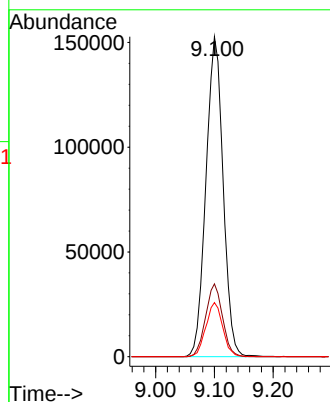
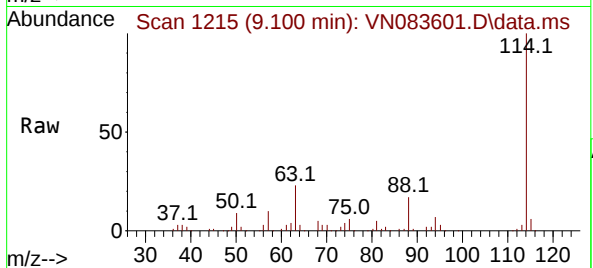
Tgt Ion:114 Resp: 309229

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.330 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083601.D

Acq: 31 Aug 2024 07:45

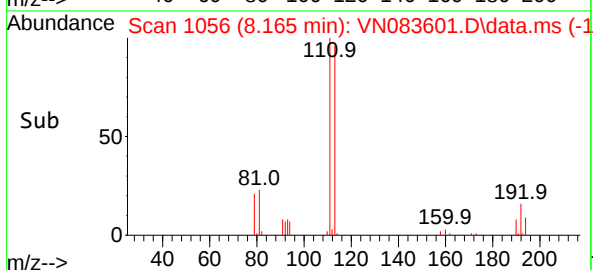
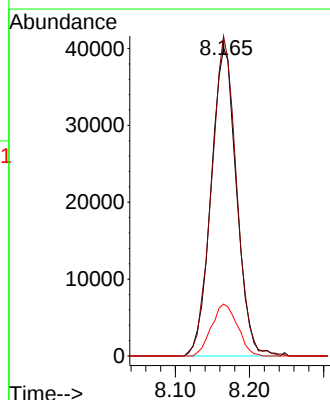
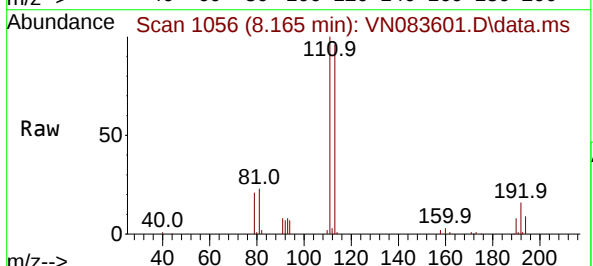
Tgt Ion:113 Resp: 95534

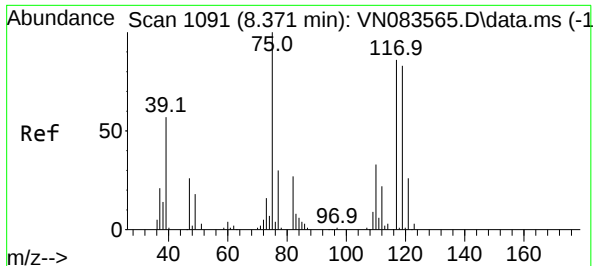
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.814 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

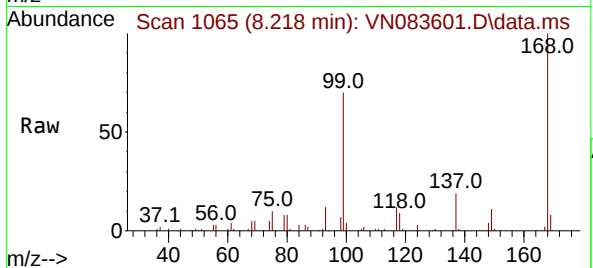
Lab File: VN083601.D

Acq: 31 Aug 2024 07:45

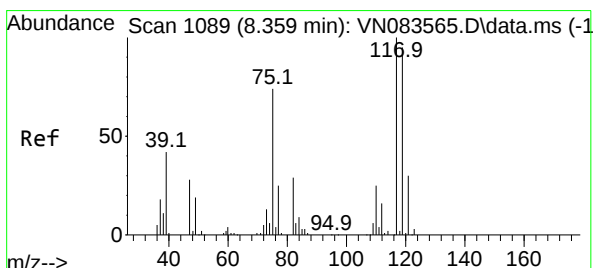
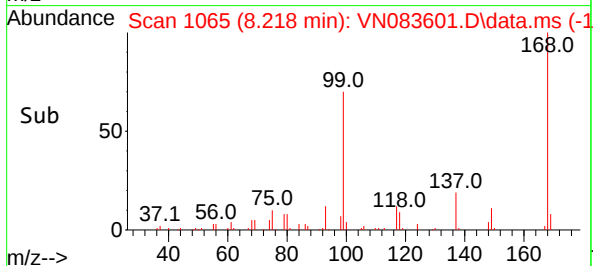
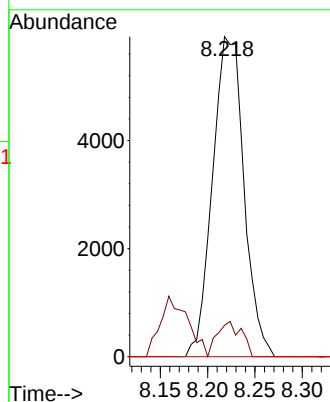
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 13667
Ion Ratio	Lower Upper
75	100
110	8.5 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.530 ug/l

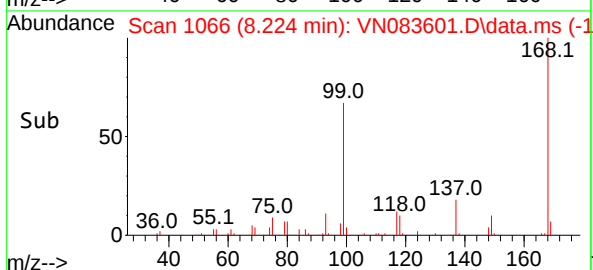
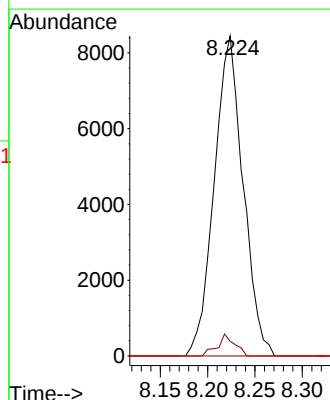
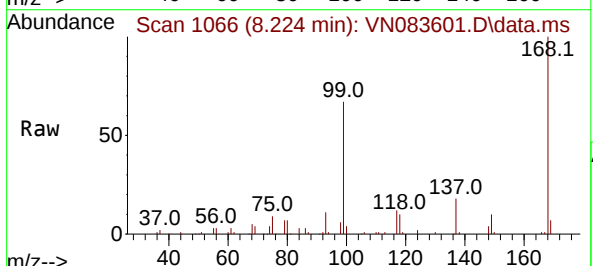
RT: 8.224 min Scan# 1066

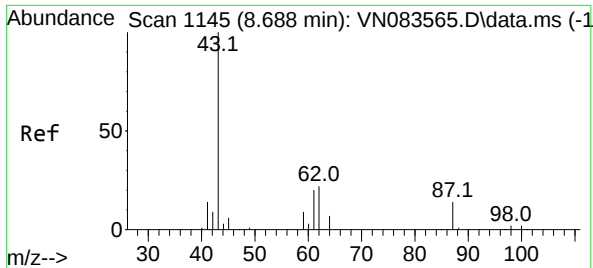
Delta R.T. -0.135 min

Lab File: VN083601.D

Acq: 31 Aug 2024 07:45

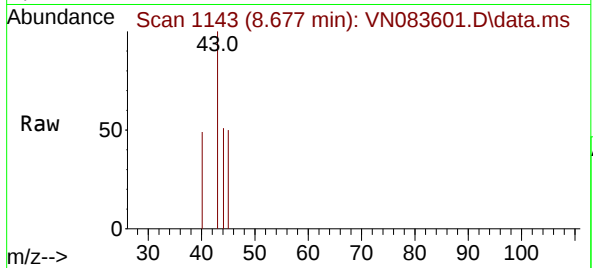
Tgt Ion: 117	Resp: 17911
Ion Ratio	Lower Upper
117	100
119	4.6 76.1 114.1#
121	0.0 24.1 36.1#



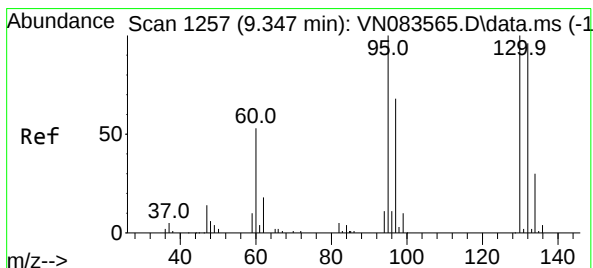
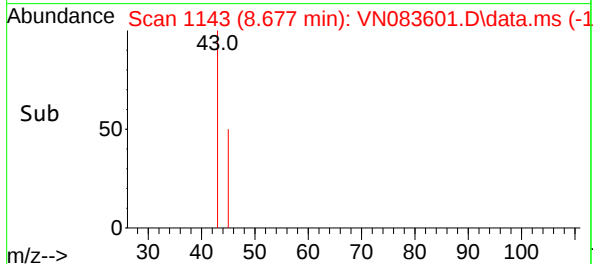
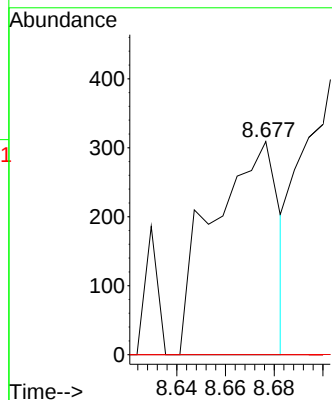


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Instrument :
MSVOA_N
ClientSampleId :

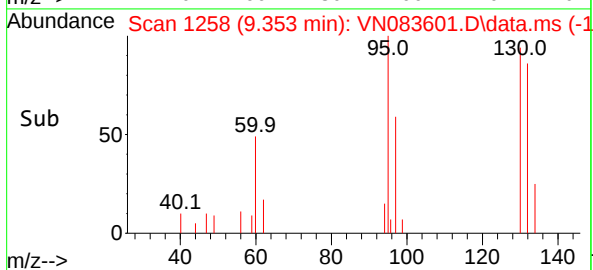
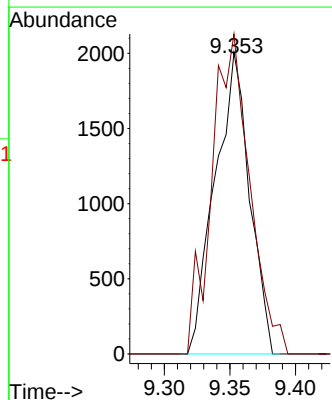
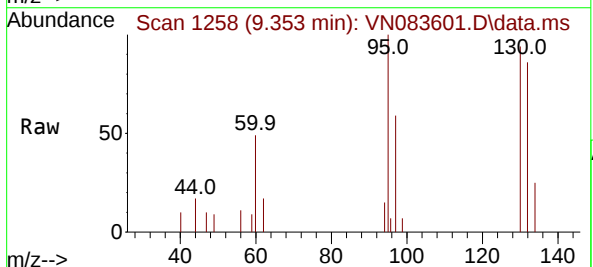


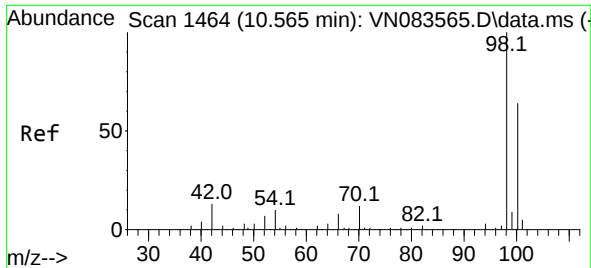
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 1.747 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Tgt Ion:130 Resp: 3671
Ion Ratio Lower Upper
130 100
95 106.2 0.0 200.4

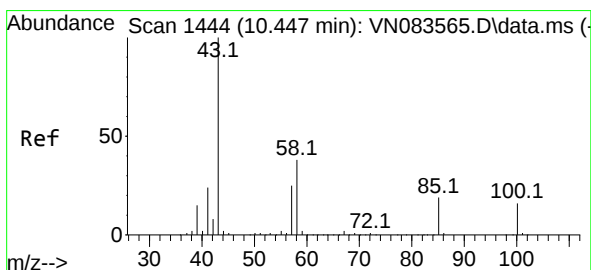
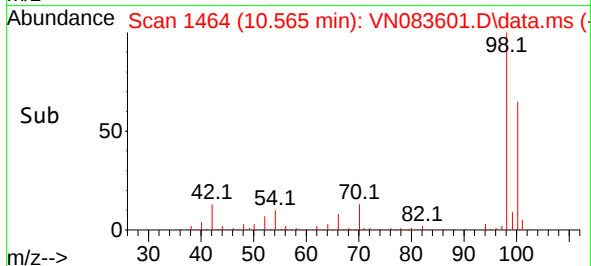
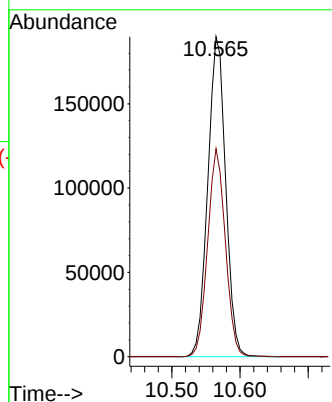
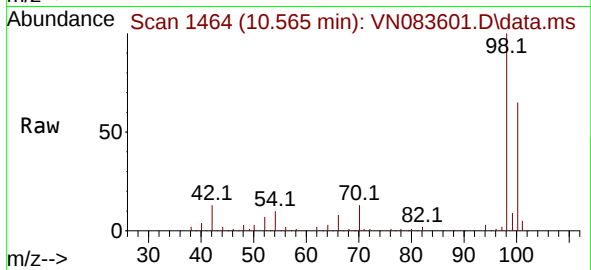




#50
Toluene-d8
Concen: 47.703 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

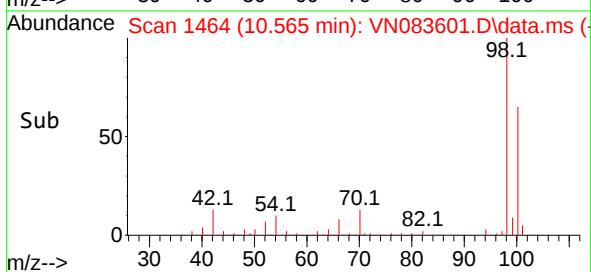
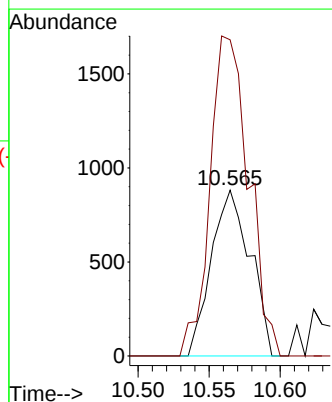
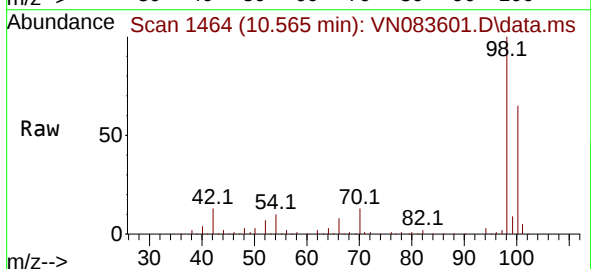
Instrument :
MSVOA_N
ClientSampleId :

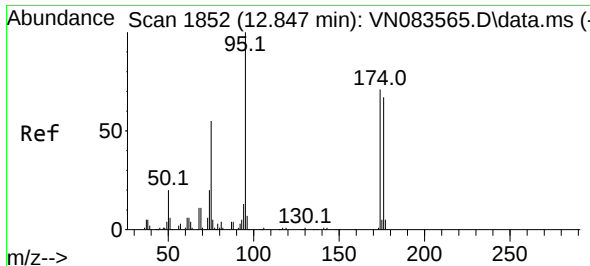
Tgt Ion: 98 Resp: 345744
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
58 191.8 31.6 47.4#

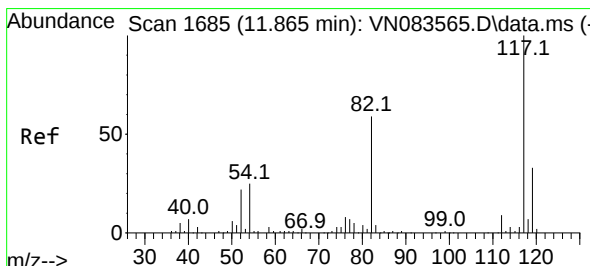
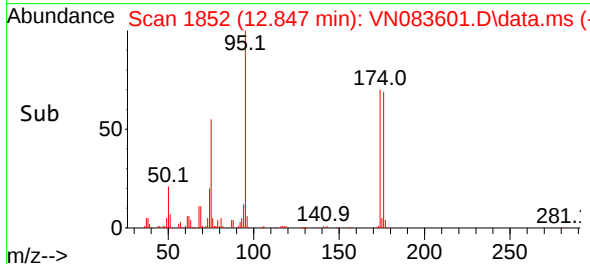
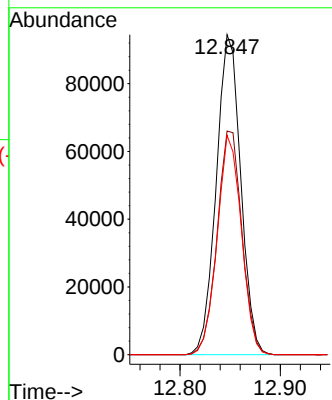
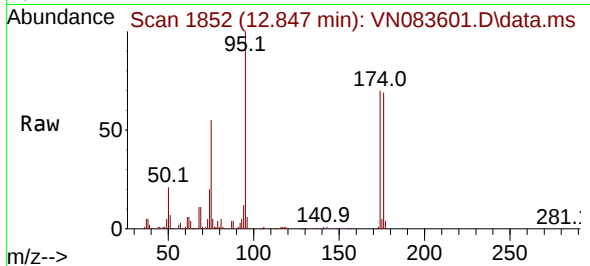




#62
4-Bromofluorobenzene
Concen: 59.565 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

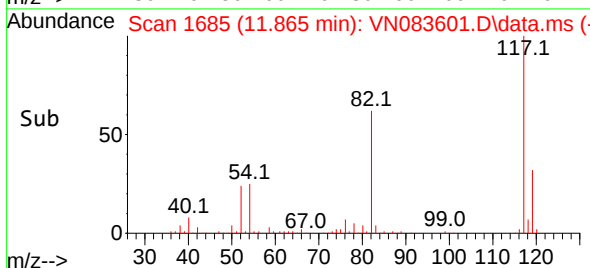
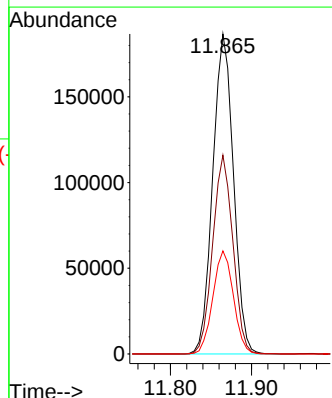
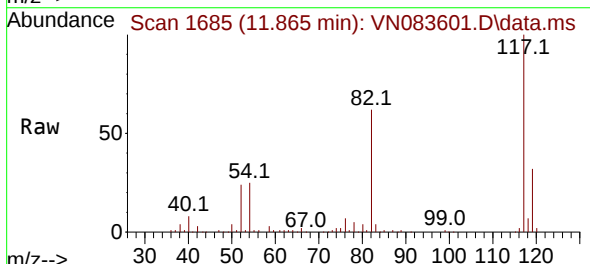
Instrument :
MSVOA_N
ClientSampleId :

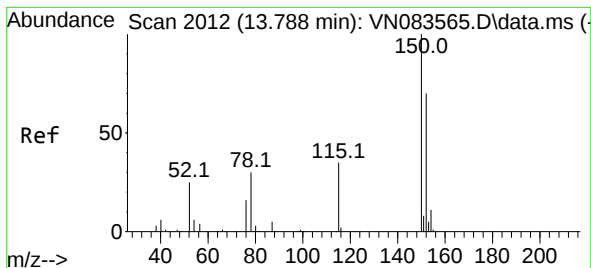
Tgt Ion: 95 Resp: 159926
Ion Ratio Lower Upper
95 100
174 70.8 0.0 139.8
176 67.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

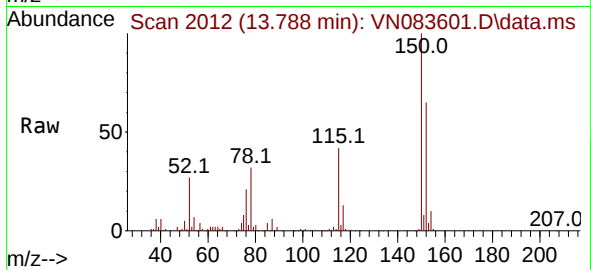
Tgt Ion: 117 Resp: 330632
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.0
119 32.2 26.3 39.5



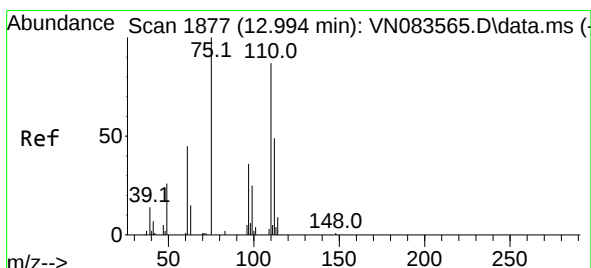
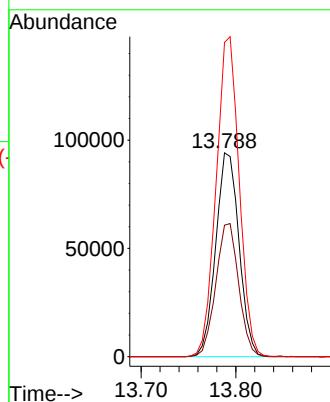
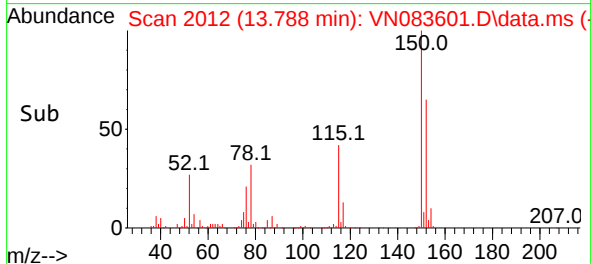


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

Instrument :
MSVOA_N
ClientSampleId :

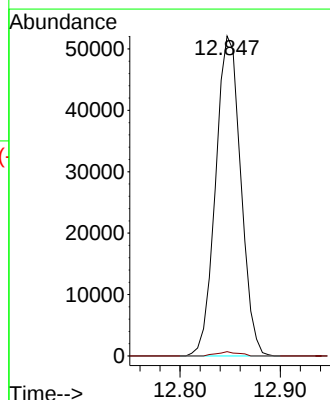
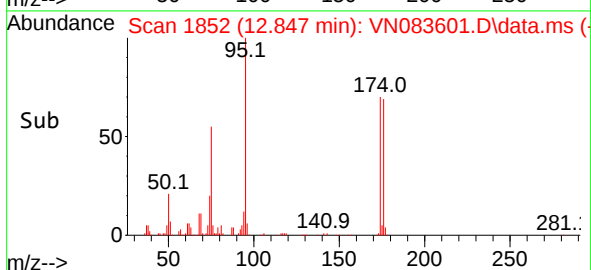
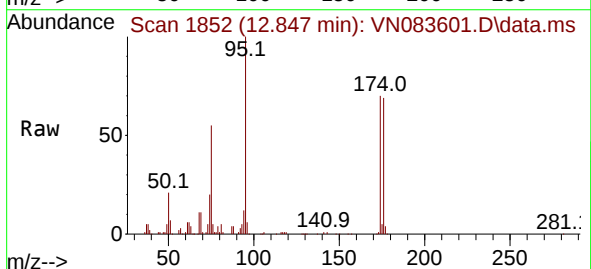


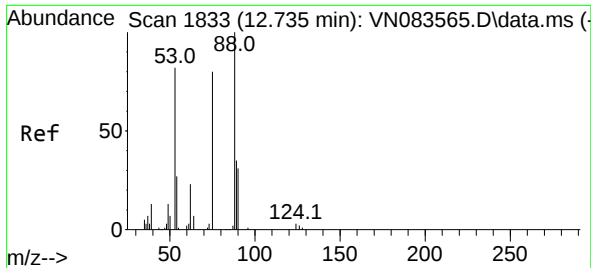
Tgt Ion:152 Resp: 160796
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 155.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.897 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083601.D
Acq: 31 Aug 2024 07:45

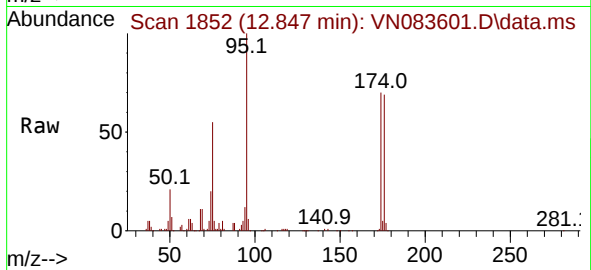
Tgt Ion: 75 Resp: 90565
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.797 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083601.D
 Acq: 31 Aug 2024 07:45

Instrument :
 MSVOA_N
 ClientSampleId :



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

