

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083673.D
 Acq On : 05 Sep 2024 14:15
 Operator : JC\MD
 Sample : P3802-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:17:22 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)

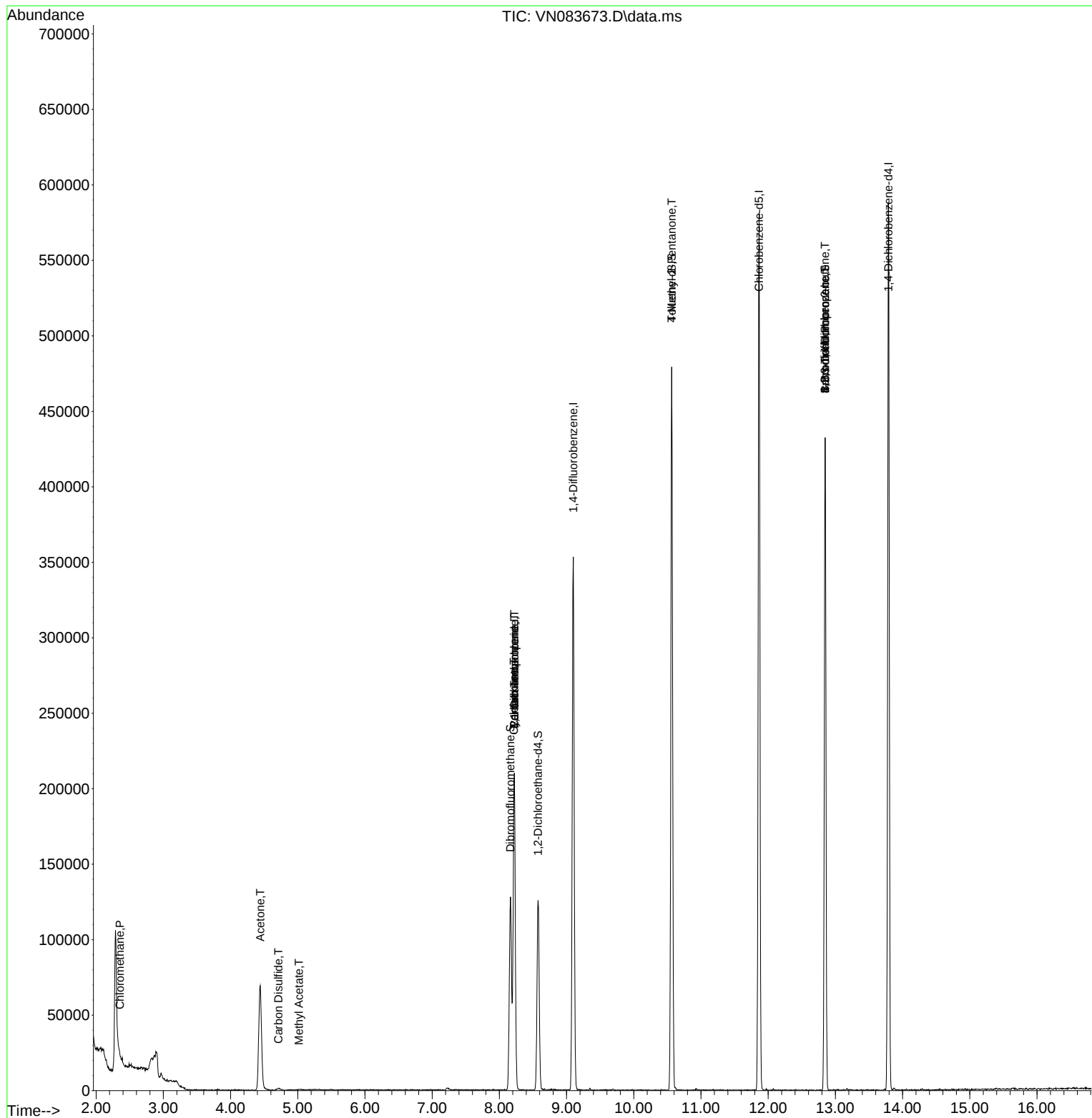
Internal Standards						
1) Pentafluorobenzene	8.224	168	143666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111506	55.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.060%
35) Dibromofluoromethane	8.165	113	89749	51.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	10.565	98	318158	46.562	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.847	95	150382	59.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	1536	0.867	ug/l #	41
16) Acetone	4.442	43	1948	2.433	ug/l #	45
17) Carbon Disulfide	4.712	76	1384	0.302	ug/l #	75
18) Methyl Acetate	5.018	43	538	0.253	ug/l #	52
31) Cyclohexane	8.218	56	3554	1.144	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	12868	4.805	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16426	5.376	ug/l #	15
43) Isopropyl Acetate	8.677	43	53	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1382	0.558	ug/l #	1
71) Bromoform	12.847	173	717	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	83809	27.754	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	83809	65.459	ug/l #	9

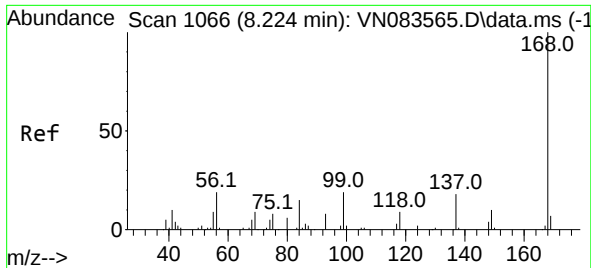
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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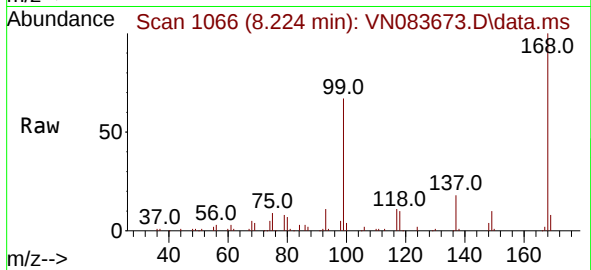
Quant Time: Sep 06 02:17:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



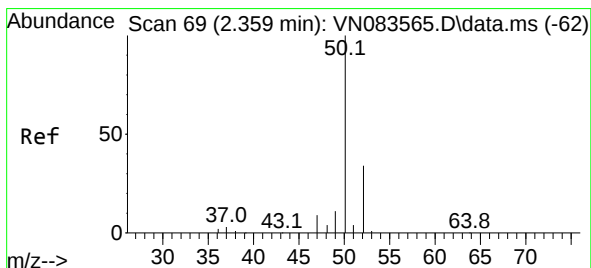
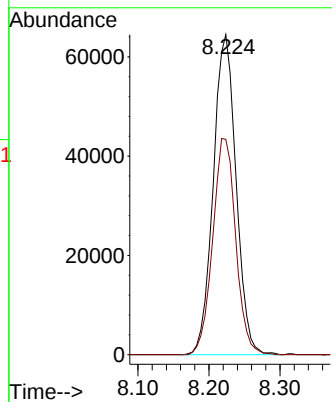
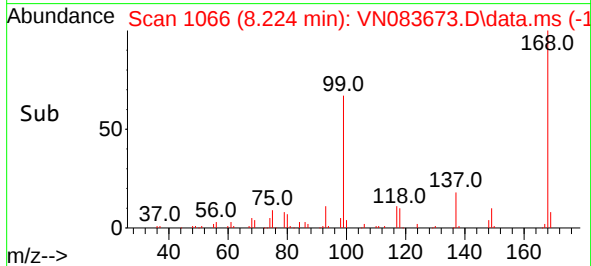


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :

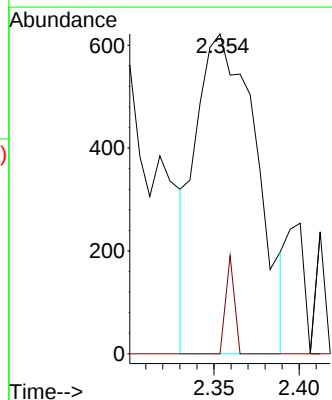
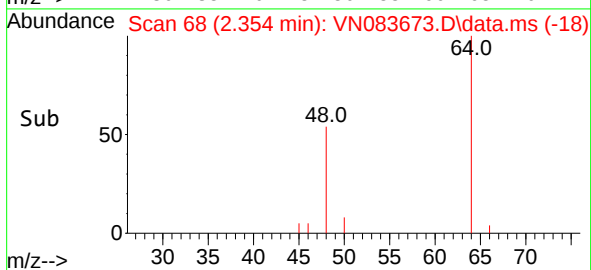
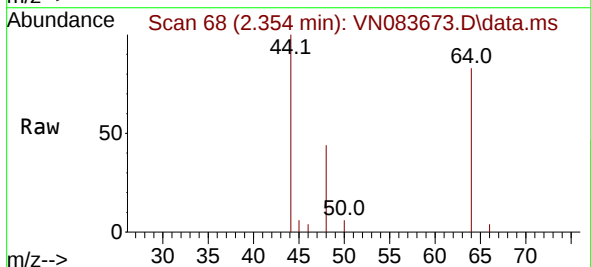


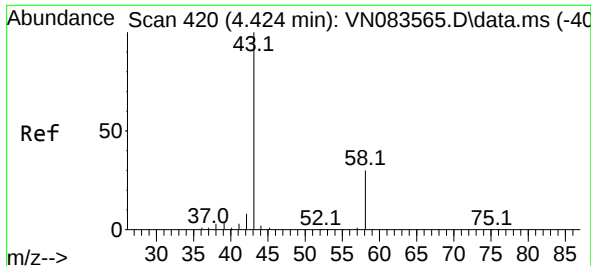
Tgt Ion:168 Resp: 143666
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#3
Chloromethane
Concen: 0.867 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Tgt Ion: 50 Resp: 1536
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

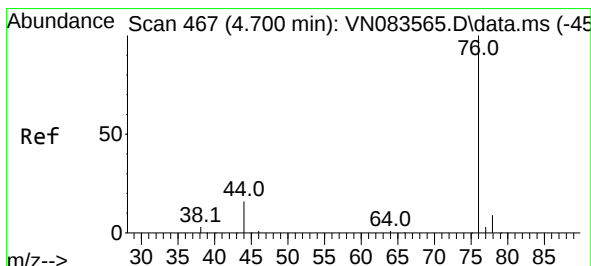
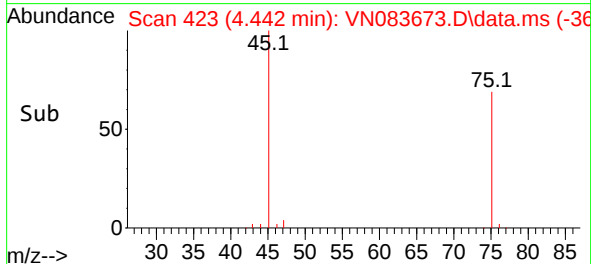
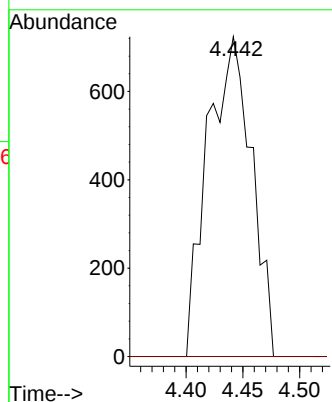
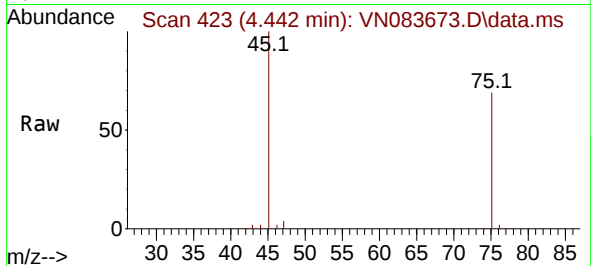




#16
Acetone
Concen: 2.433 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

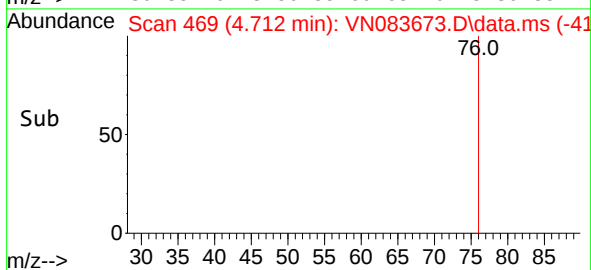
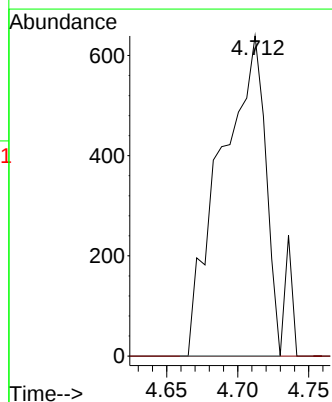
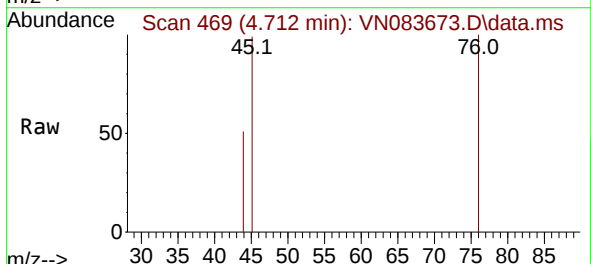
Instrument :
MSVOA_N
ClientSampleId :

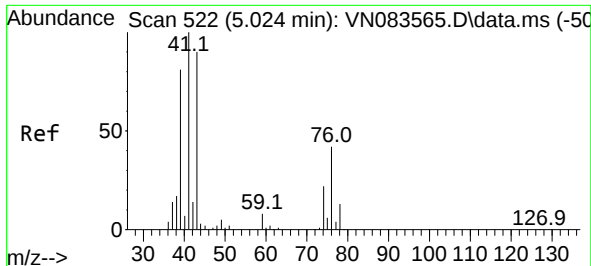
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#17
Carbon Disulfide
Concen: 0.302 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

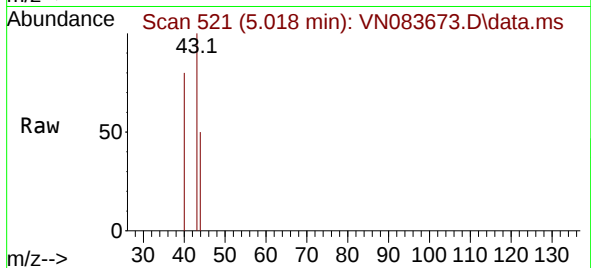
Tgt Ion: 76 Resp: 1384
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



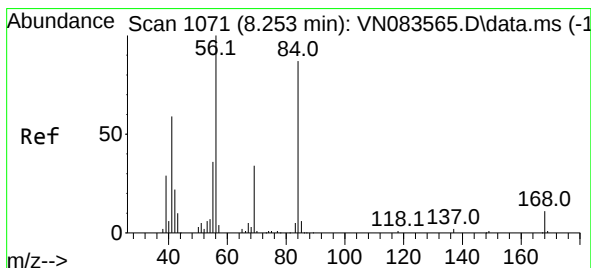
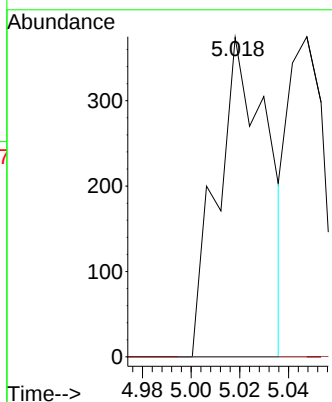
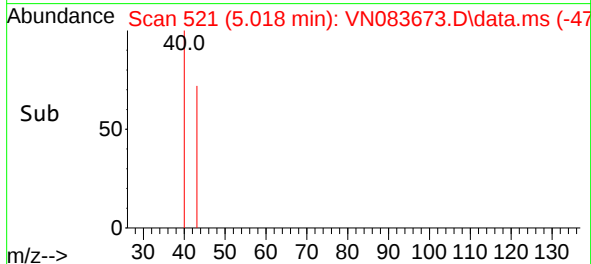


#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

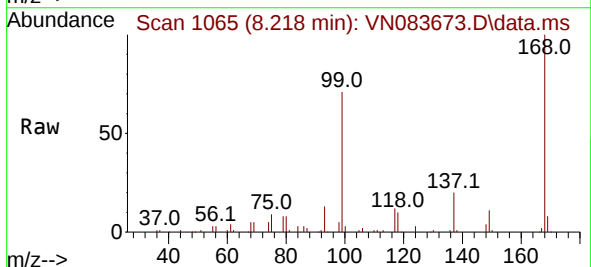
Instrument :
MSVOA_N
ClientSampleId :



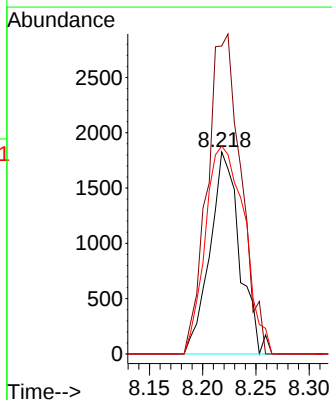
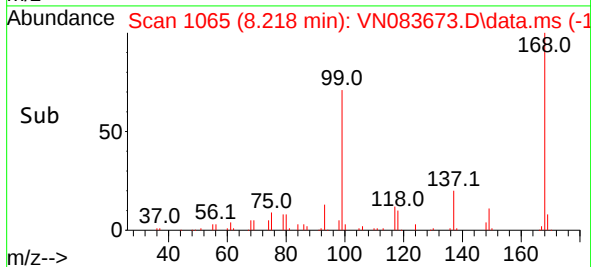
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

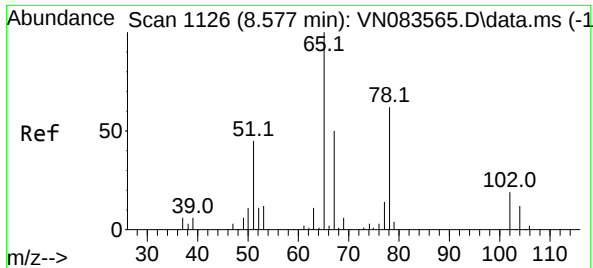


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15



Tgt Ion: 56 Resp: 3554
Ion Ratio Lower Upper
56 100
69 152.4 26.9 40.3#
84 102.8 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 55.534 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083673.D

Acq: 05 Sep 2024 14:15

Instrument :

MSVOA_N

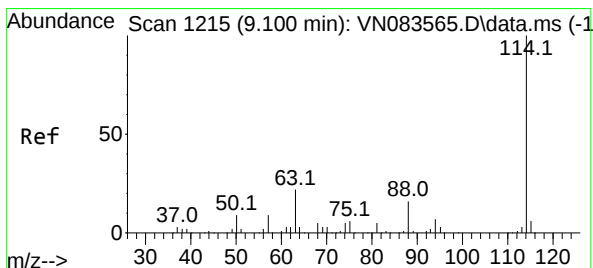
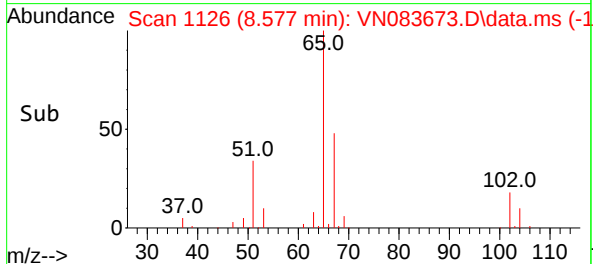
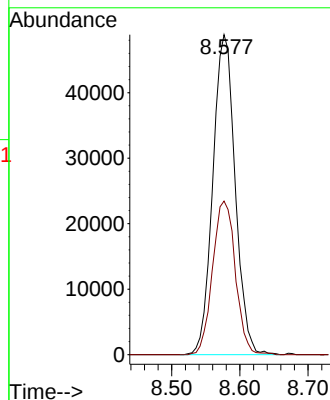
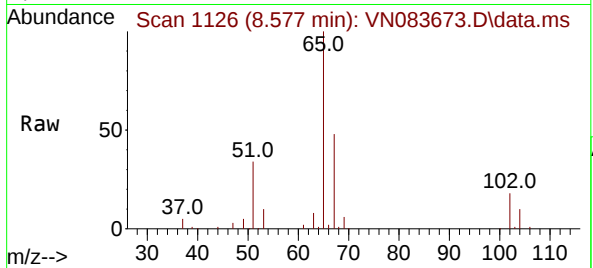
ClientSampleId :

Tgt Ion: 65 Resp: 111506

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083673.D

Acq: 05 Sep 2024 14:15

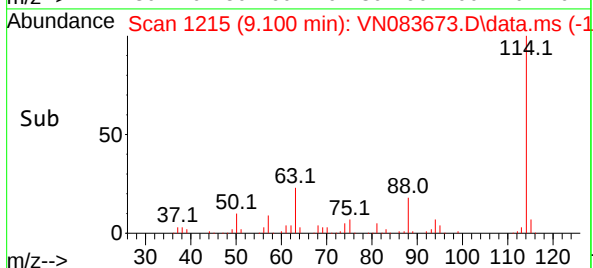
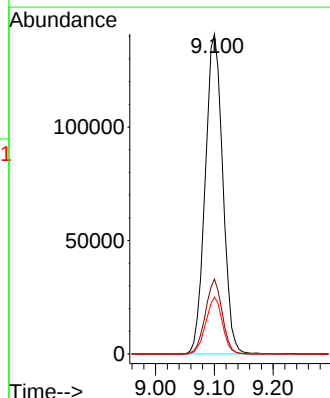
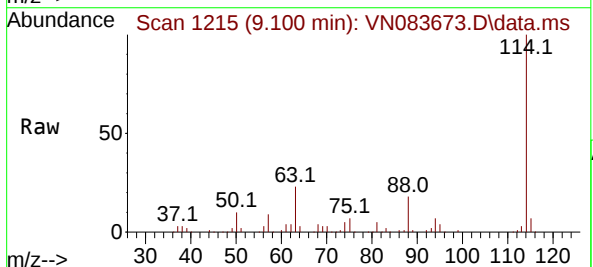
Tgt Ion: 114 Resp: 291703

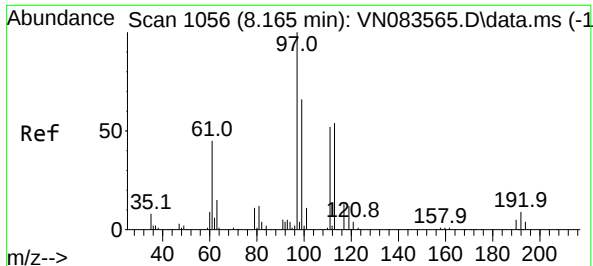
Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

88 17.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.119 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

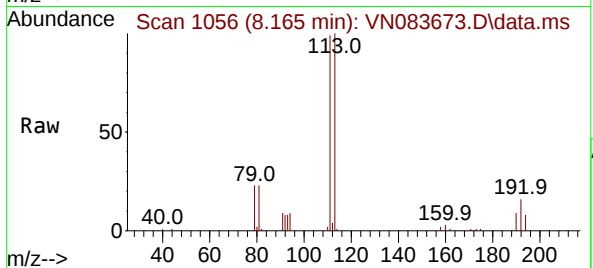
Lab File: VN083673.D

Acq: 05 Sep 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :



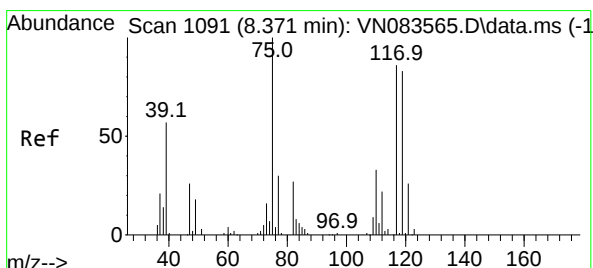
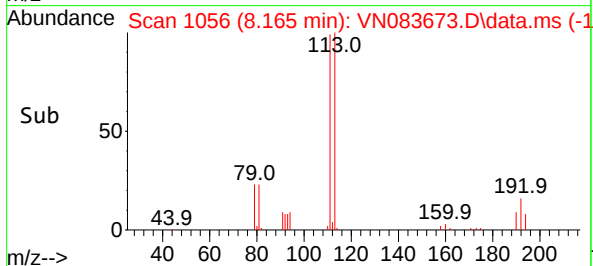
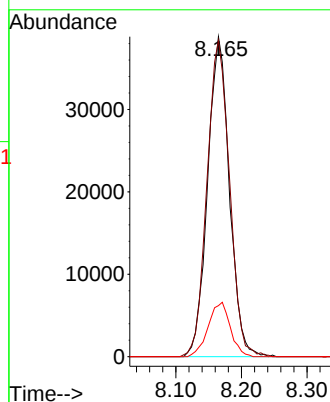
Tgt Ion:113 Resp: 89749

Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083673.D

Acq: 05 Sep 2024 14:15

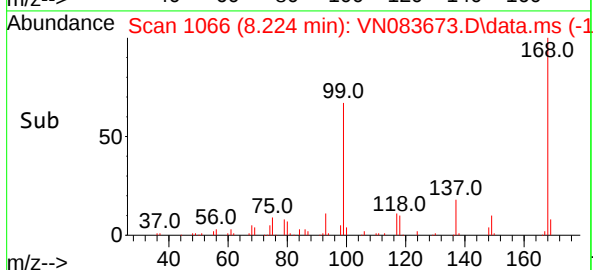
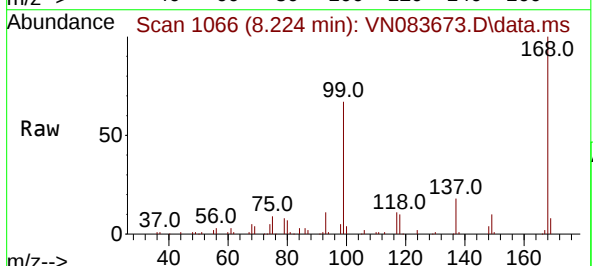
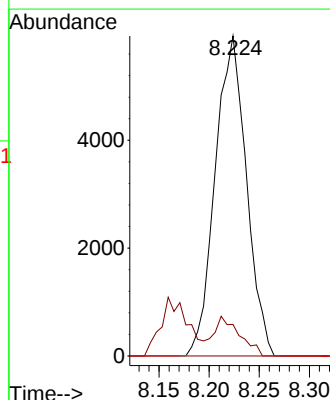
Tgt Ion: 75 Resp: 12868

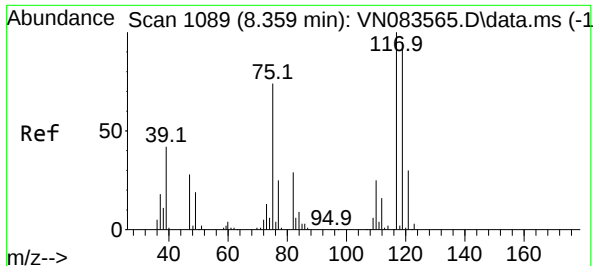
Ion Ratio Lower Upper

75 100

110 10.3 16.7 50.1#

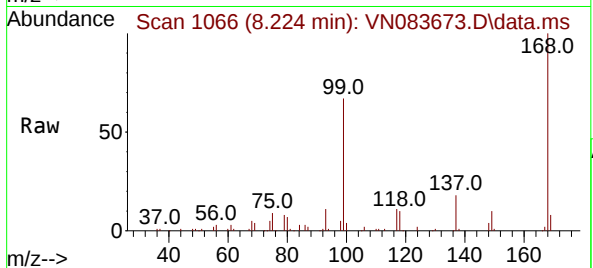
77 0.0 25.2 37.8#



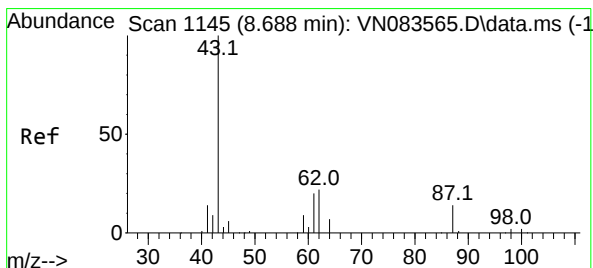
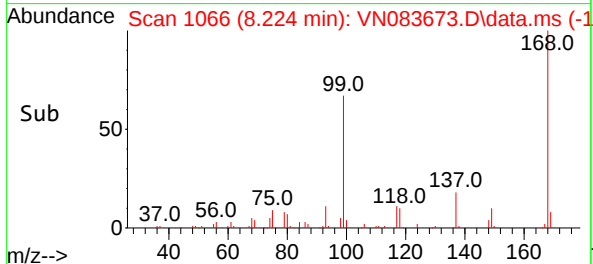
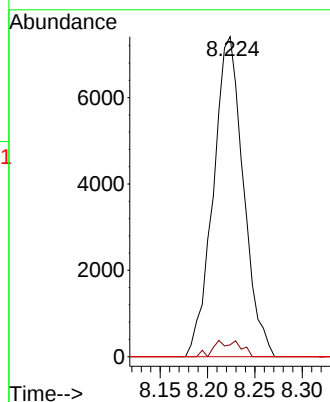


#38
Carbon Tetrachloride
Concen: 5.376 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :

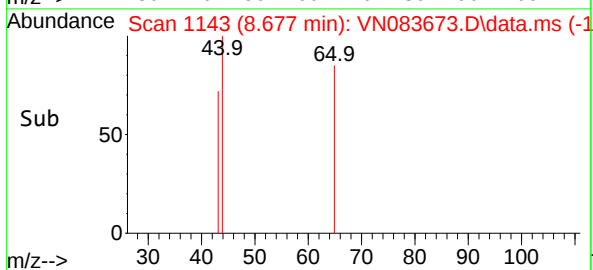
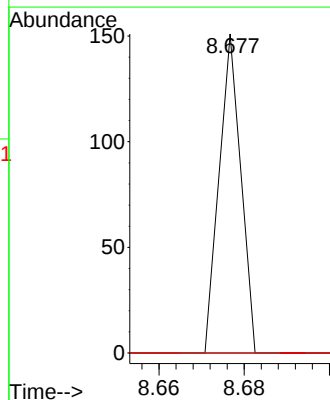
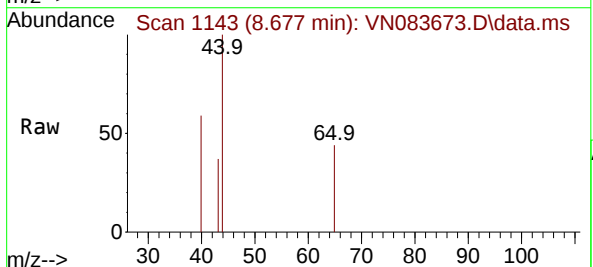


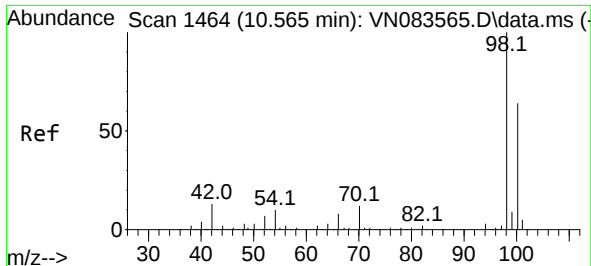
Tgt Ion: 117 Resp: 16426
Ion Ratio Lower Upper
117 100
119 3.7 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

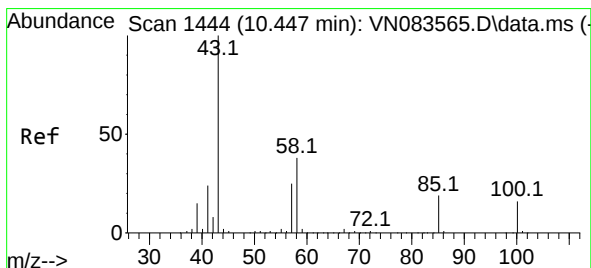
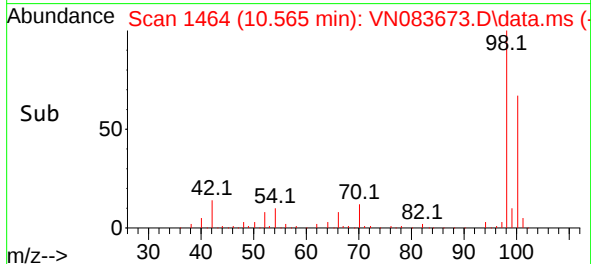
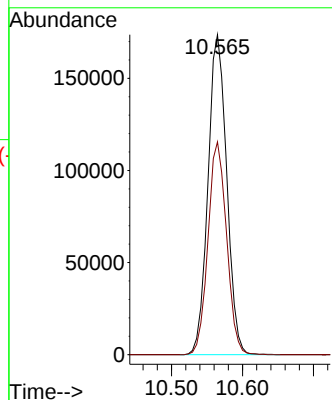
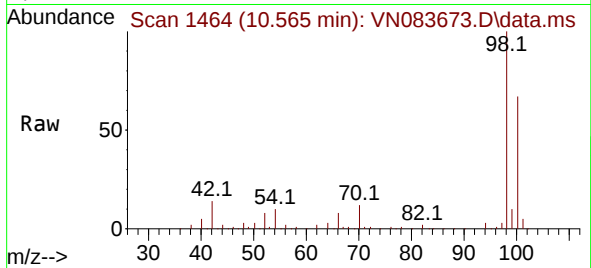




#50
Toluene-d8
Concen: 46.562 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

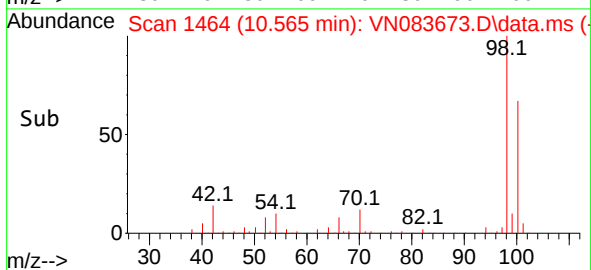
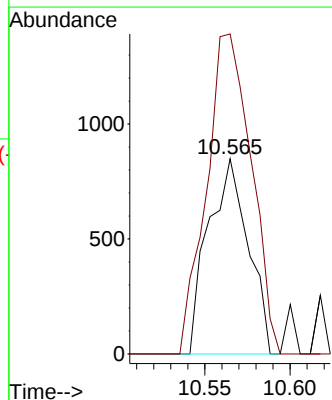
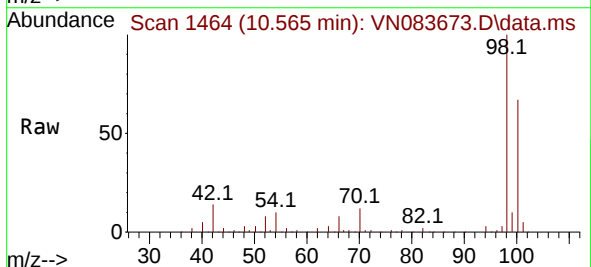
Instrument :
MSVOA_N
ClientSampleId :

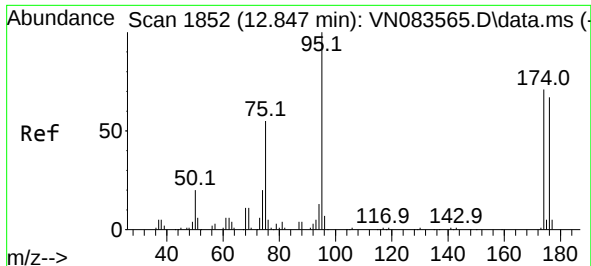
Tgt Ion: 98 Resp: 318158
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 184.0 31.6 47.4#

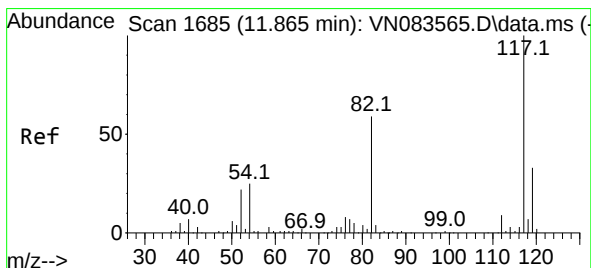
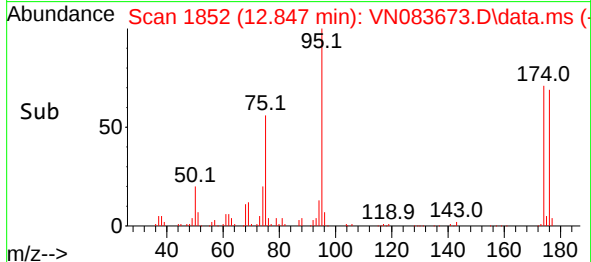
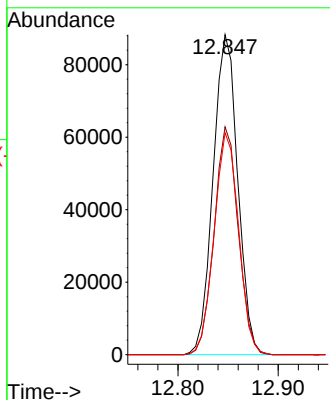
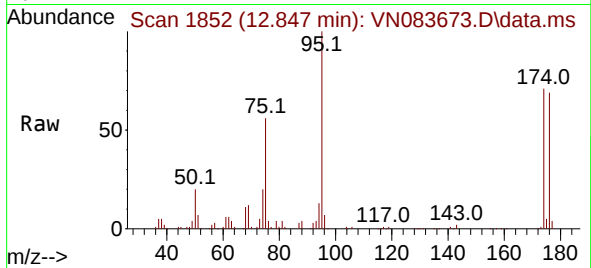




#62
4-Bromofluorobenzene
Concen: 59.376 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

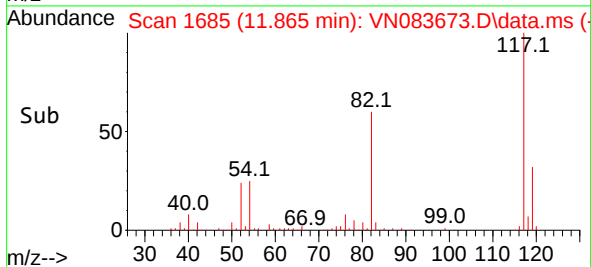
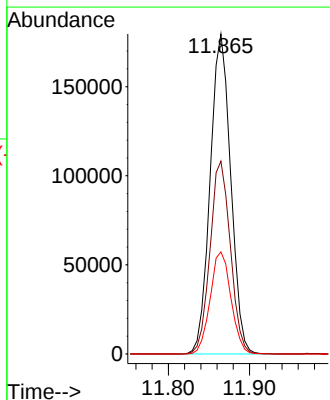
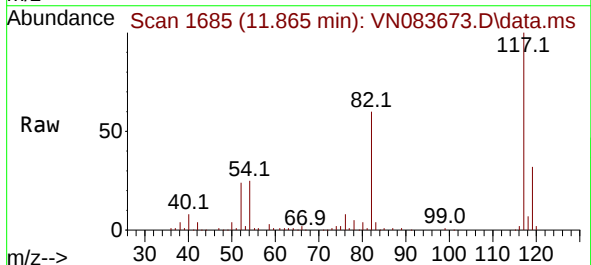
Instrument :
MSVOA_N
ClientSampleId :

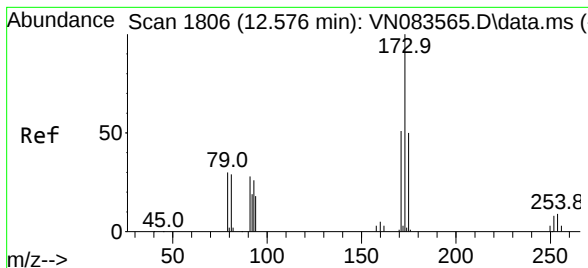
Tgt Ion: 95 Resp: 150382
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 69.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Tgt Ion: 117 Resp: 315583
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.0
119 31.9 26.3 39.5





#71

Bromoform

Concen: 0.421 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

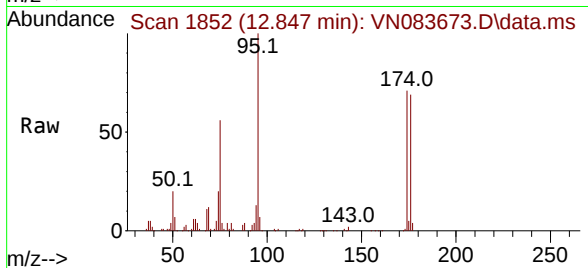
Lab File: VN083673.D

Acq: 05 Sep 2024 14:15

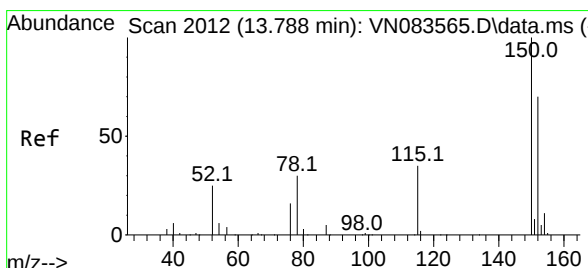
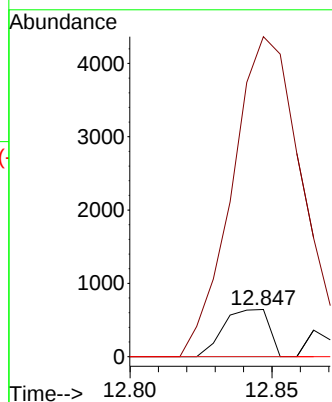
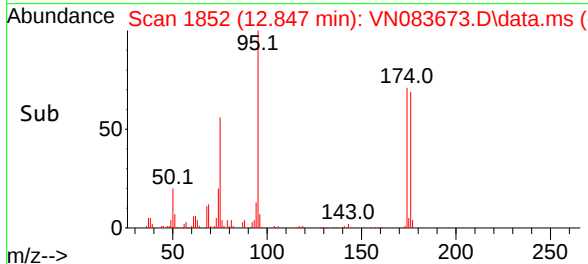
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	717
Ion Ratio	Lower	Upper	
173	100		
175	778.7	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

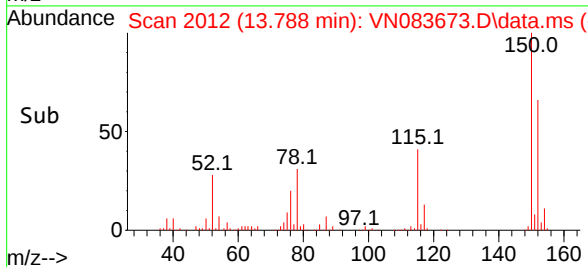
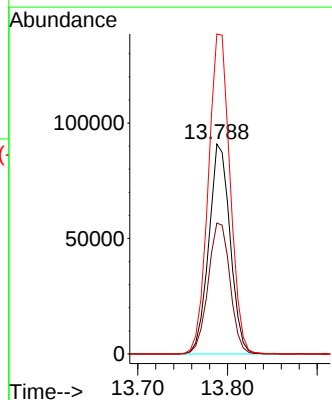
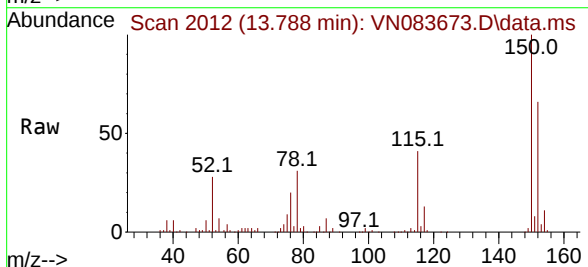
RT: 13.788 min Scan# 2012

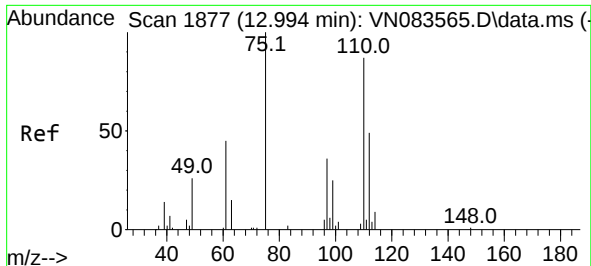
Delta R.T. 0.000 min

Lab File: VN083673.D

Acq: 05 Sep 2024 14:15

Tgt Ion:	152	Resp:	149568
Ion Ratio	Lower	Upper	
152	100		
115	64.2	32.2	96.6
150	155.7	0.0	348.6

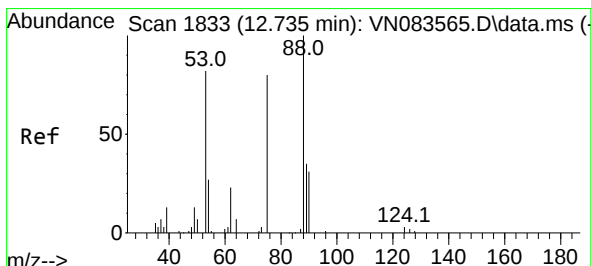
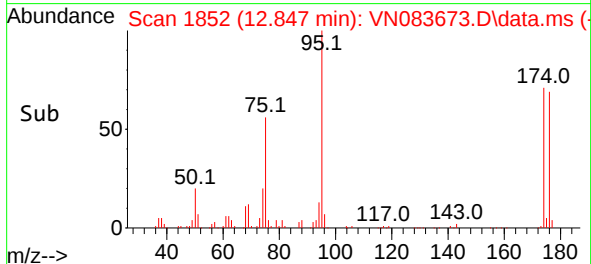
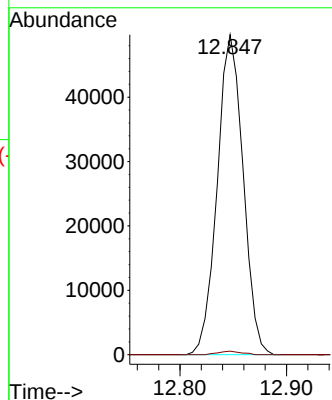
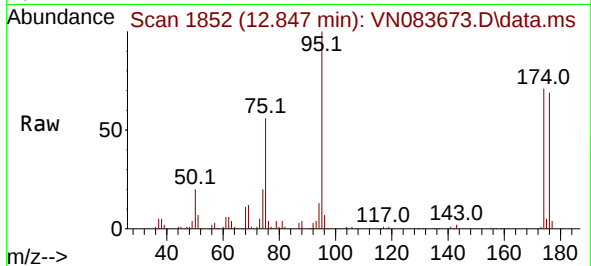




#76
1,2,3-Trichloropropane
Concen: 27.754 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 83809
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.459 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083673.D
Acq: 05 Sep 2024 14:15

Tgt Ion: 75 Resp: 83809
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

