

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085886.D
 Acq On : 27 Feb 2025 13:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 28 01:59:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

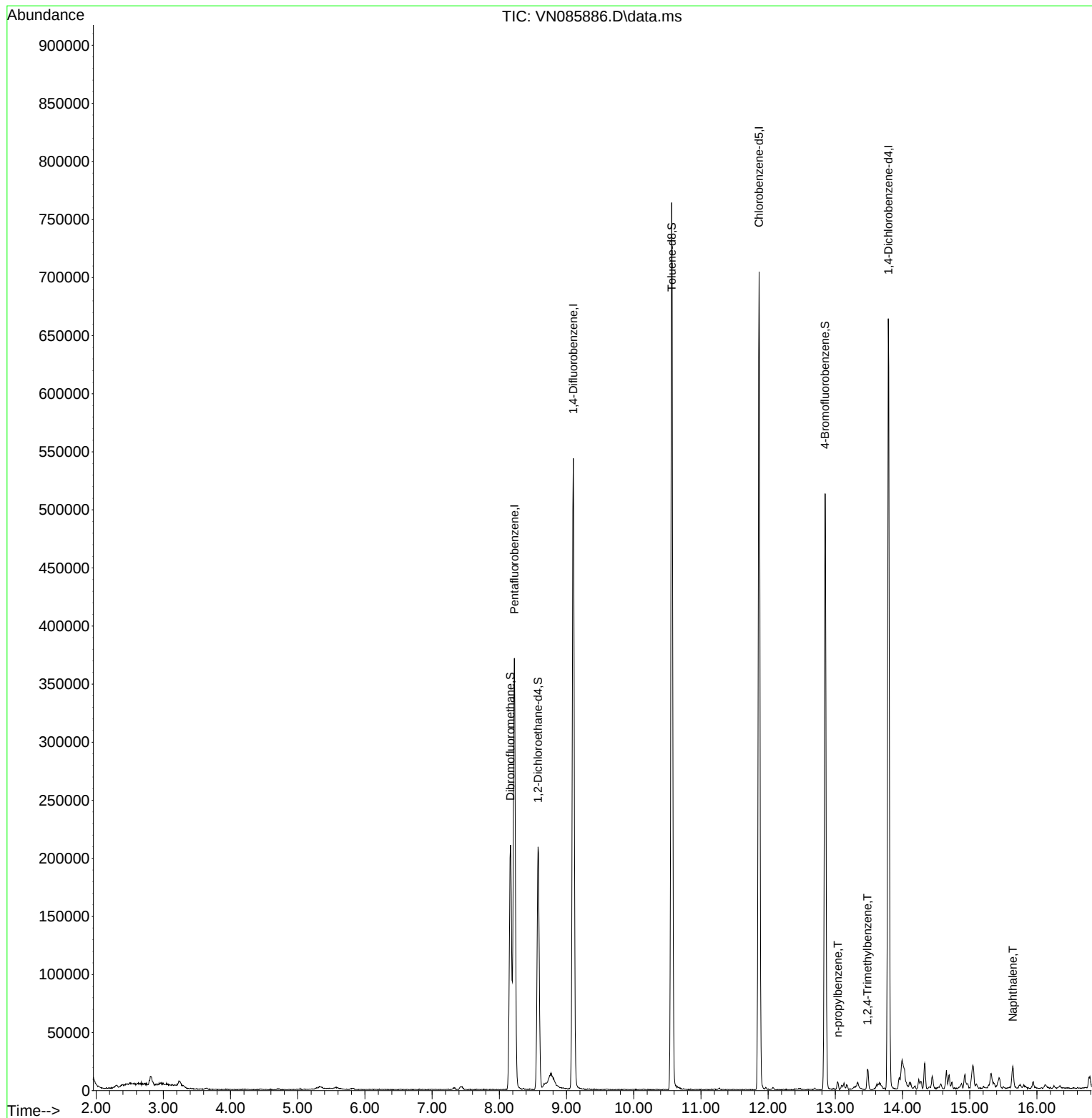
Internal Standards						
1) Pentafluorobenzene	8.224	168	266732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	489018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	429308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171253	49.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.040%
35) Dibromofluoromethane	8.165	113	157468	49.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	10.565	98	543422	46.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.360%
62) 4-Bromofluorobenzene	12.847	95	191863	50.018	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.040%
Target Compounds						
					Qvalue	
78) n-propylbenzene	13.035	91	6213	0.418	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	11603	1.110	ug/l	99
95) Naphthalene	15.641	128	19472	2.358	ug/l	98

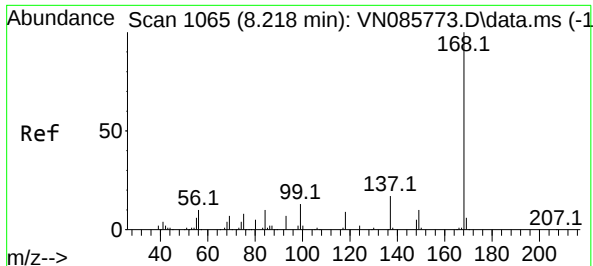
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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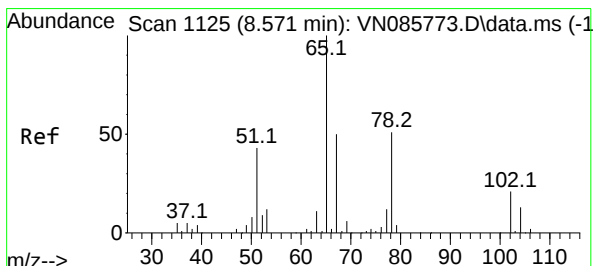
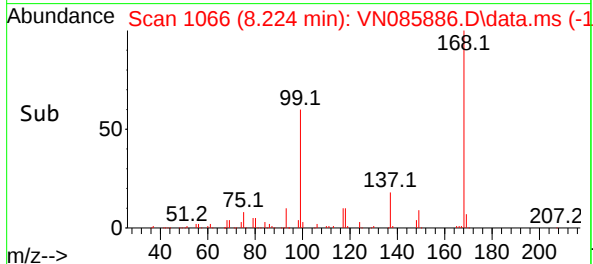
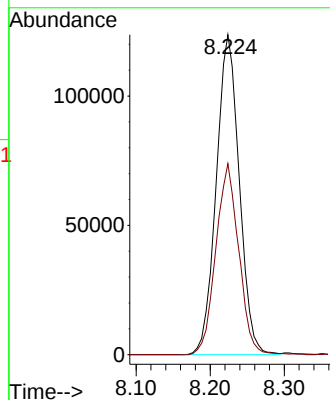
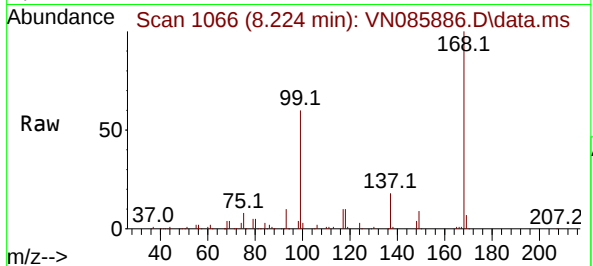




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

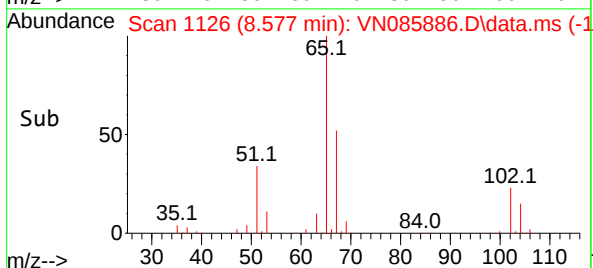
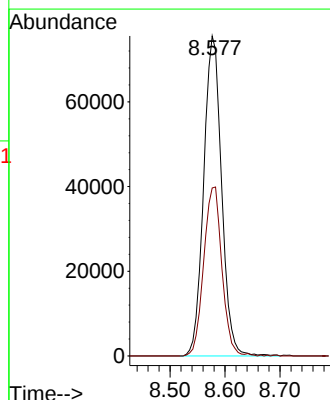
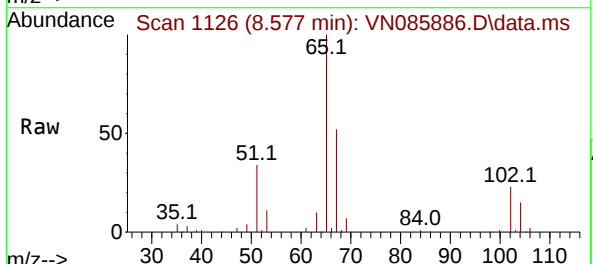
Instrument :
MSVOA_N
ClientSampleId :
IBLK

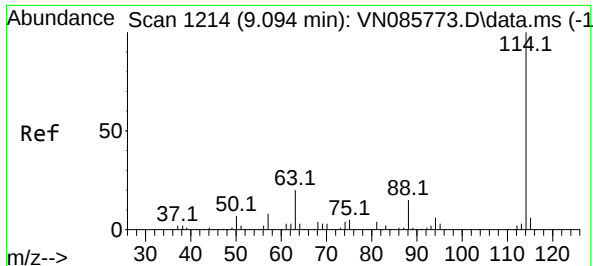
Tgt Ion:168 Resp: 266732
Ion Ratio Lower Upper
168 100
99 59.7 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 49.522 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

Tgt Ion: 65 Resp: 171253
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085886.D

Acq: 27 Feb 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

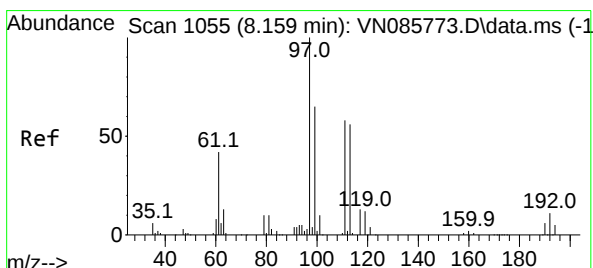
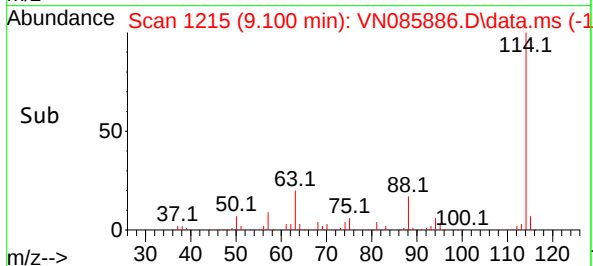
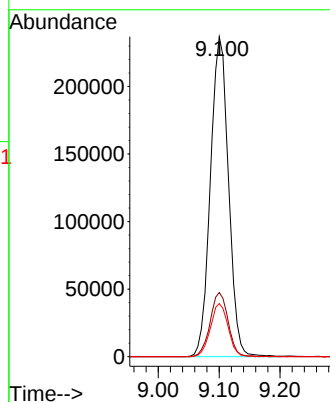
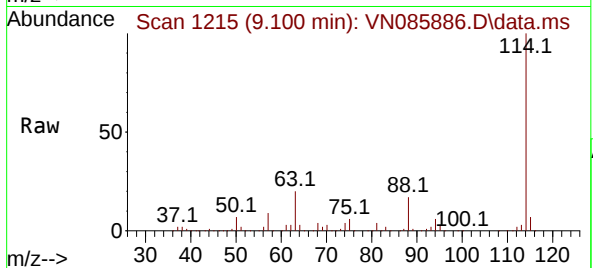
Tgt Ion:114 Resp: 489018

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 49.210 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085886.D

Acq: 27 Feb 2025 13:39

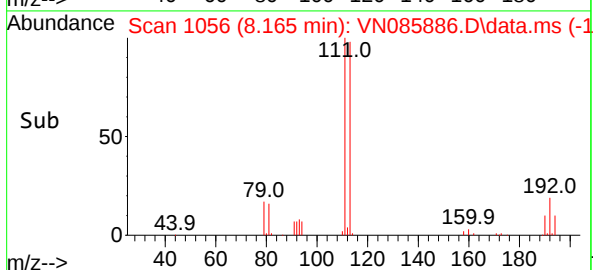
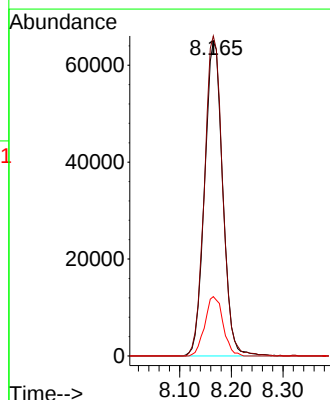
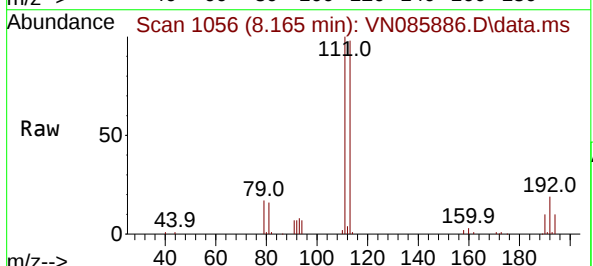
Tgt Ion:113 Resp: 157468

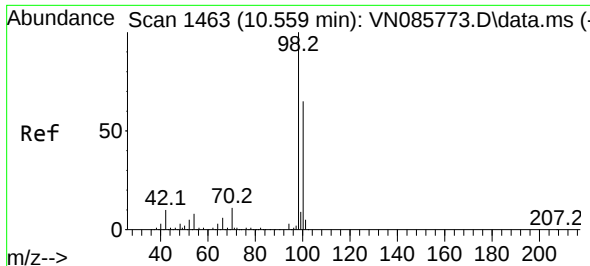
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 19.1 14.7 22.1

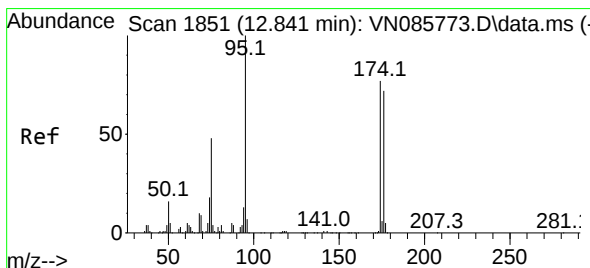
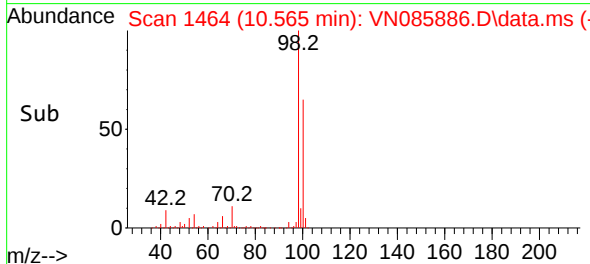
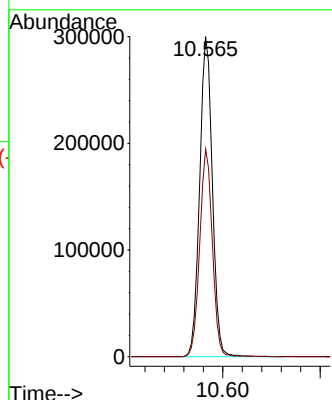
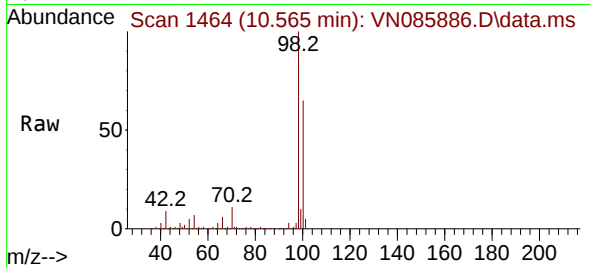




#50
Toluene-d8
Concen: 46.677 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

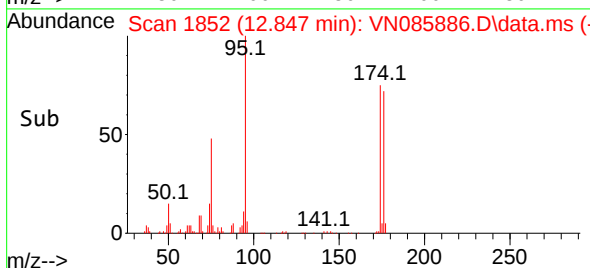
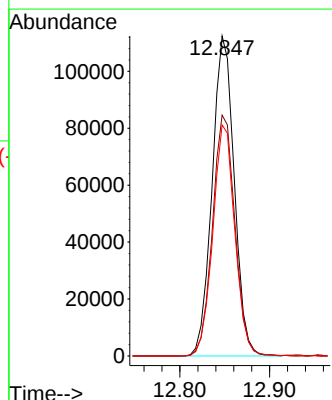
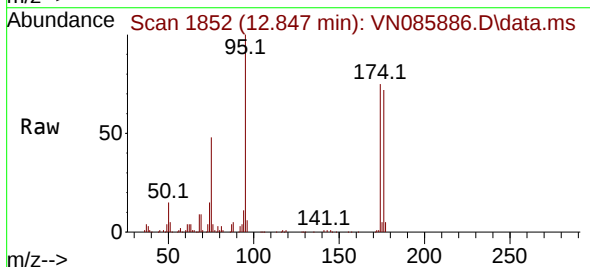
Instrument :
MSVOA_N
ClientSampleId :
IBLK

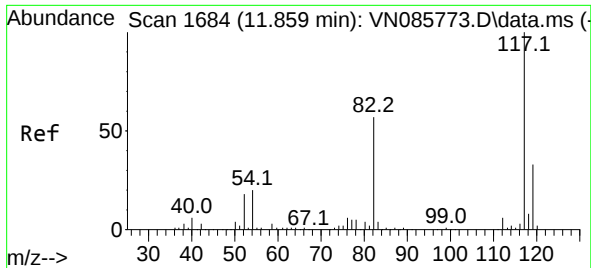
Tgt Ion: 98 Resp: 543422
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.018 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

Tgt Ion: 95 Resp: 191863
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.4
176 72.2 0.0 146.6

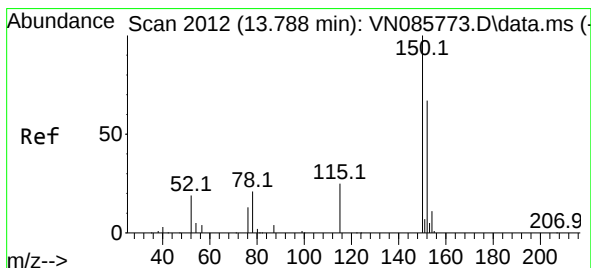
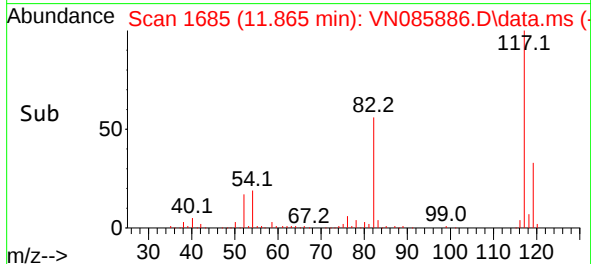
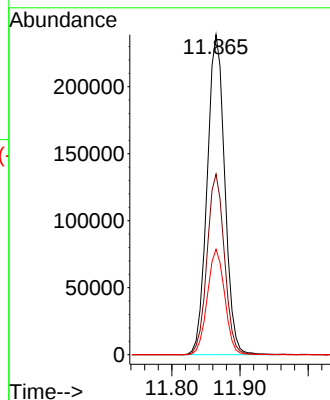
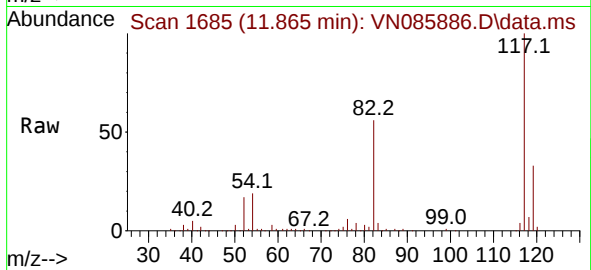




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

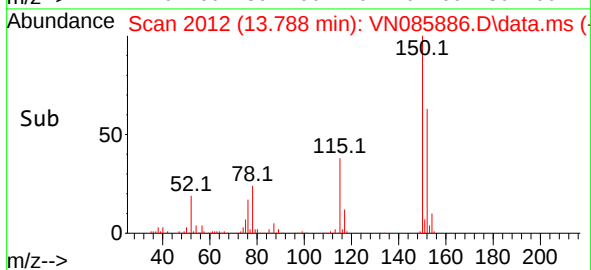
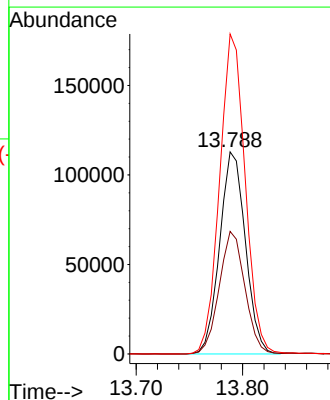
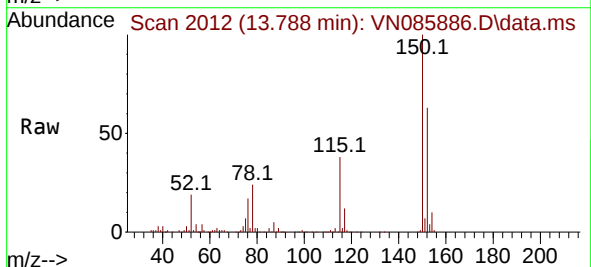
Instrument :
MSVOA_N
ClientSampleId :
IBLK

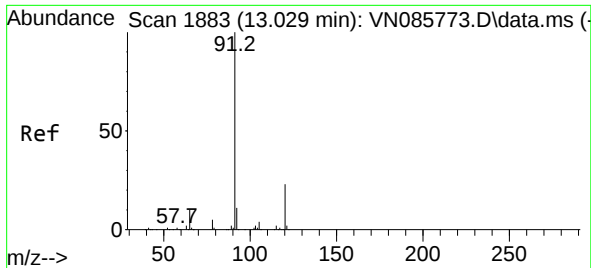
Tgt Ion:117 Resp: 429308
Ion Ratio Lower Upper
117 100
82 56.4 45.7 68.5
119 32.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

Tgt Ion:152 Resp: 189315
Ion Ratio Lower Upper
152 100
115 60.5 30.4 91.3
150 157.5 0.0 345.4

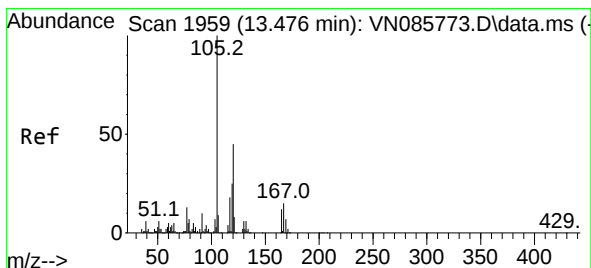
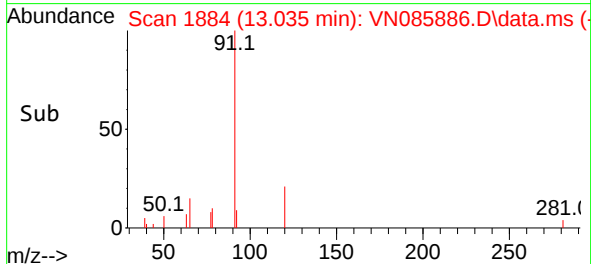
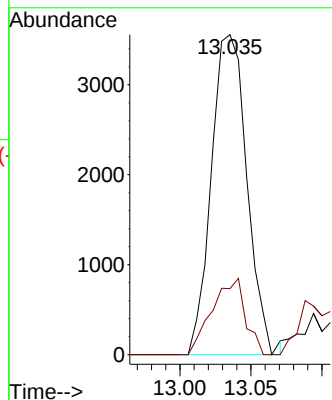
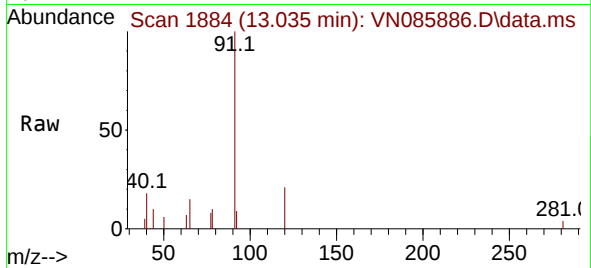




#78
n-propylbenzene
Concen: 0.418 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

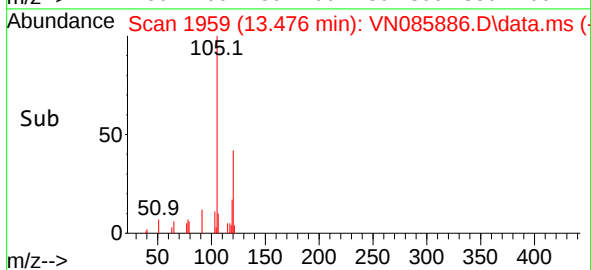
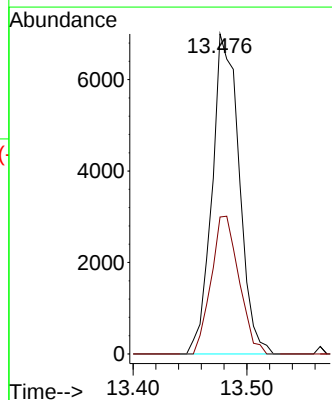
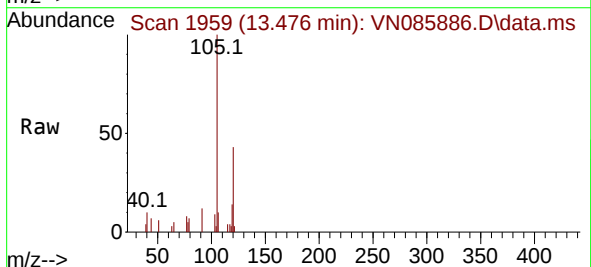
Instrument :
MSVOA_N
ClientSampleId :
IBLK

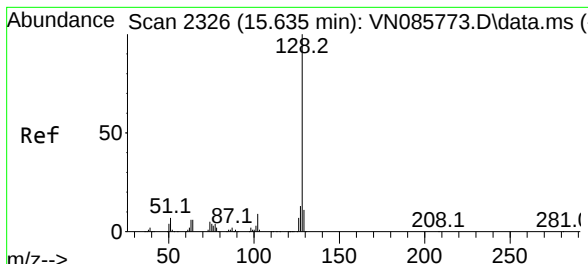
Tgt Ion: 91 Resp: 6213
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 1.110 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085886.D
Acq: 27 Feb 2025 13:39

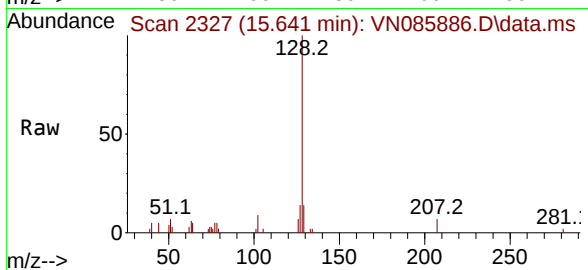
Tgt Ion:105 Resp: 11603
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3





#95
 Naphthalene
 Concen: 2.358 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085886.D
 Acq: 27 Feb 2025 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	128	Resp:	19472
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	10.9	8.7	13.1

