

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085675.D
 Acq On : 05 Feb 2025 14:23
 Operator : JC\MD
 Sample : PB166529ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#04

Quant Time: Feb 06 00:41:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

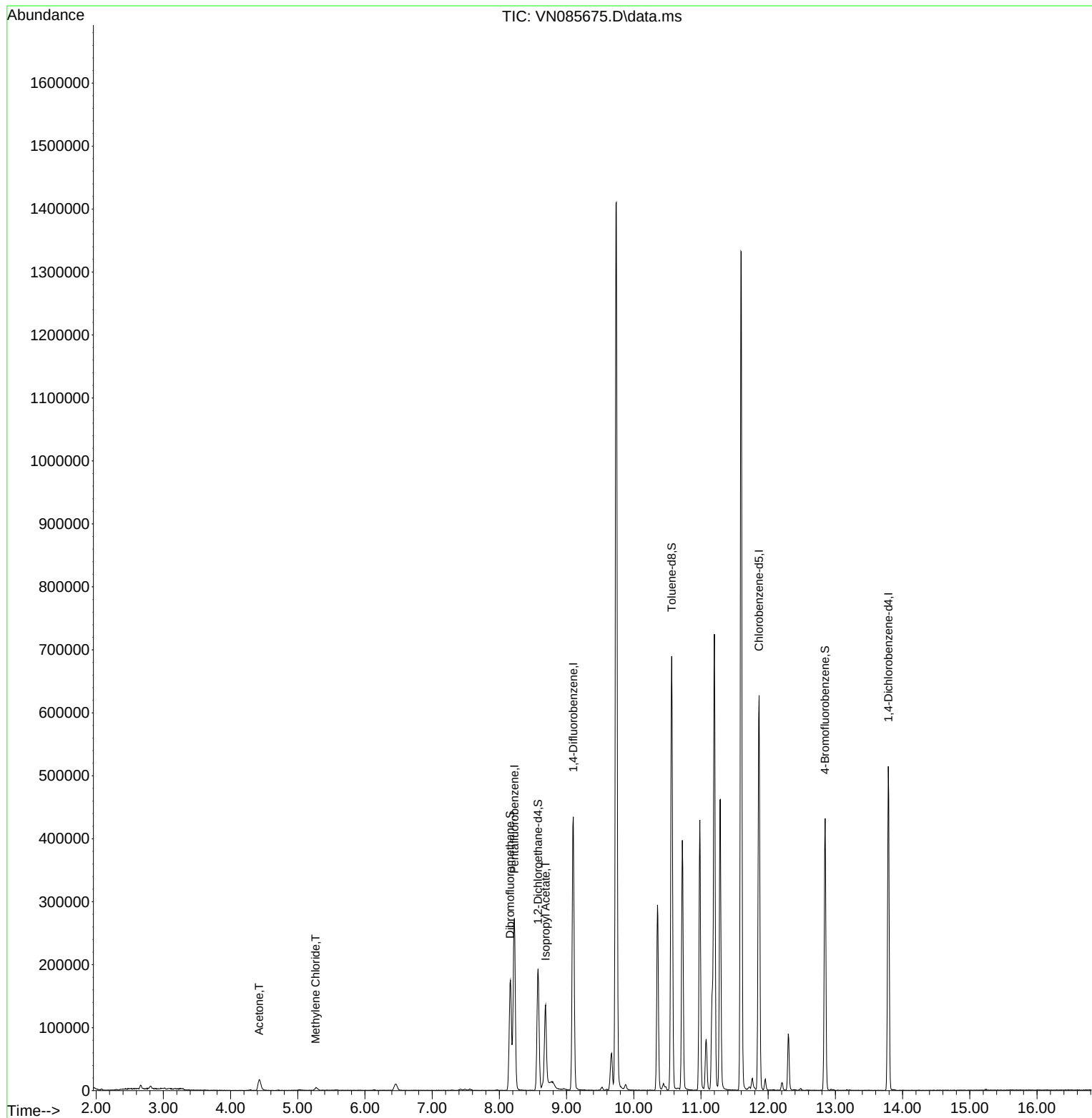
Internal Standards						
1) Pentafluorobenzene	8.224	168	193461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150951	48.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.680%
35) Dibromofluoromethane	8.159	113	128891	49.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.565	98	491058	52.903	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.800%
62) 4-Bromofluorobenzene	12.847	95	145894	45.947	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.900%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	32934	32.639	ug/l	99
20) Methylene Chloride	5.265	84	3338	1.336	ug/l #	81
43) Isopropyl Acetate	8.688	43	153457	25.877	ug/l #	89

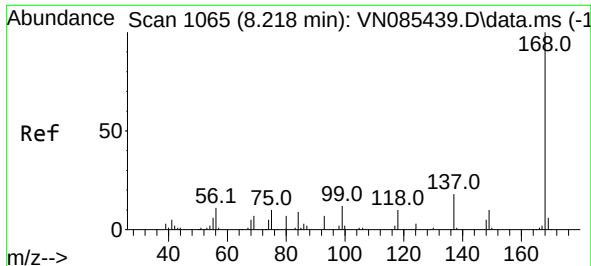
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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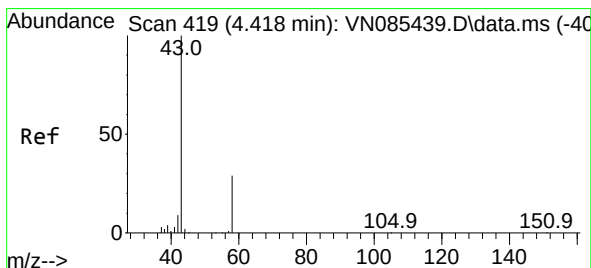
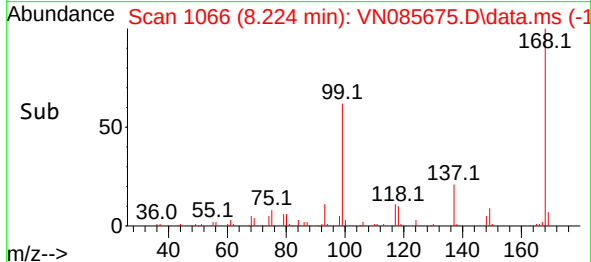
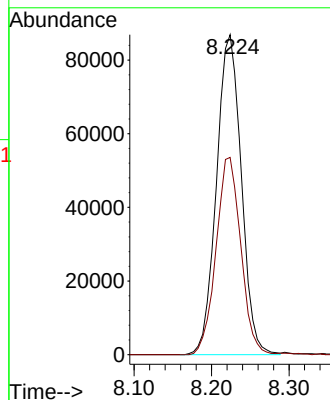
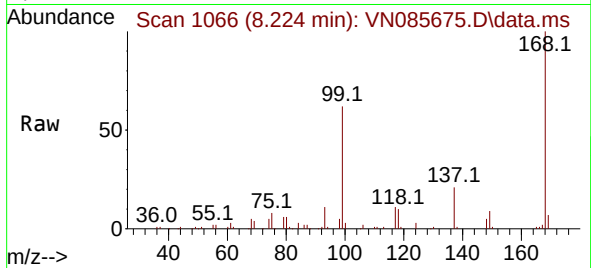




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23

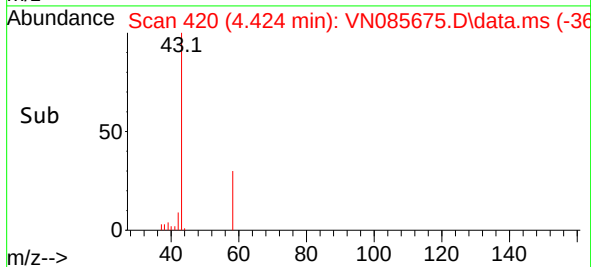
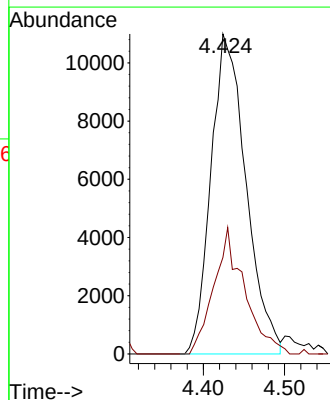
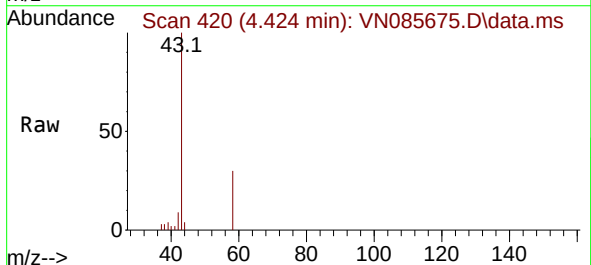
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#04

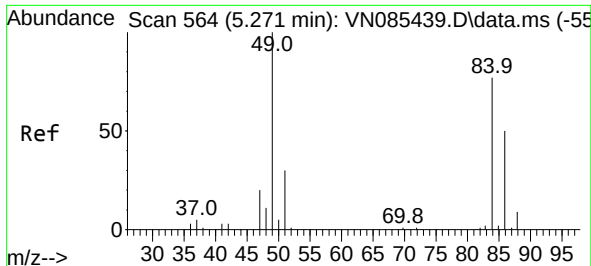
Tgt Ion:168 Resp: 193461
Ion Ratio Lower Upper
168 100
99 61.7 53.6 80.4



#16
Acetone
Concen: 32.639 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23

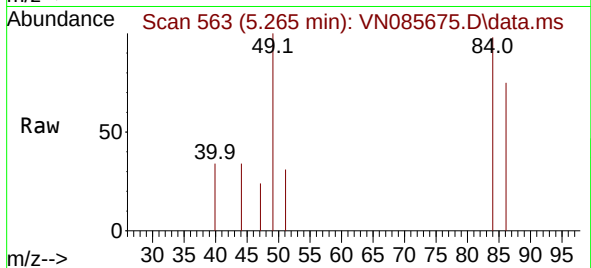
Tgt Ion: 43 Resp: 32934
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



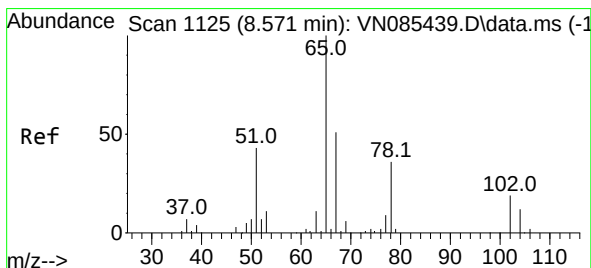
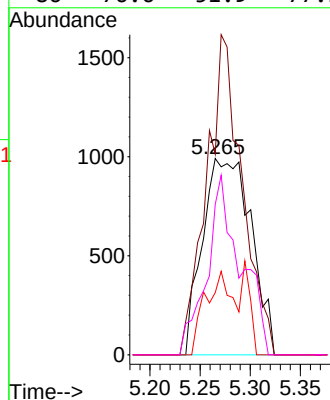


#20
Methylene Chloride
Concen: 1.336 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23

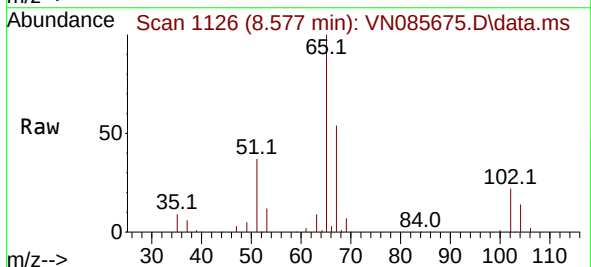
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#04



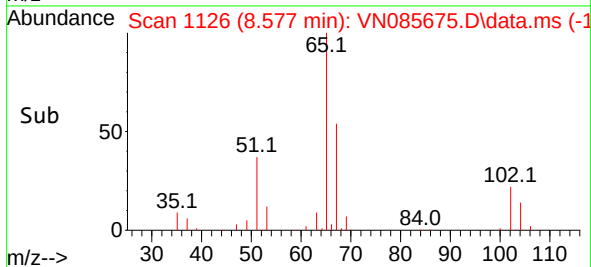
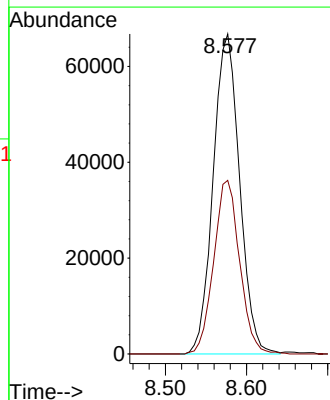
Tgt Ion: 84	Resp: 3338
Ion Ratio	Lower Upper
84 100	
49 102.2	104.1 156.1#
51 31.7	31.0 46.4
86 76.6	51.9 77.9

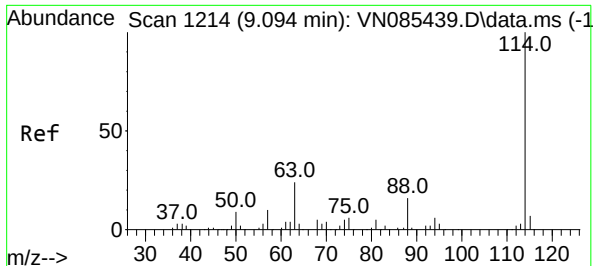


#33
1,2-Dichloroethane-d4
Concen: 48.337 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23



Tgt Ion: 65	Resp: 150951
Ion Ratio	Lower Upper
65 100	
67 53.3	0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085675.D

Acq: 05 Feb 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB166529ZHE#04

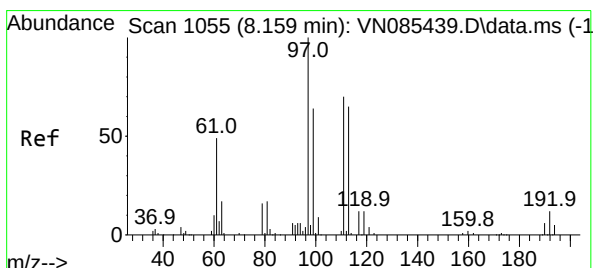
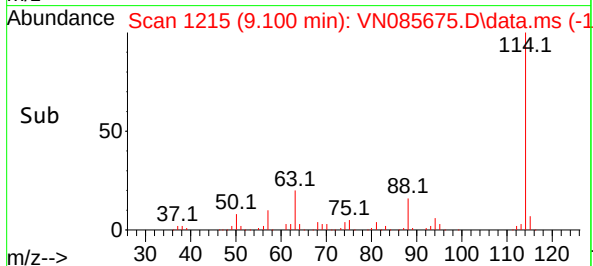
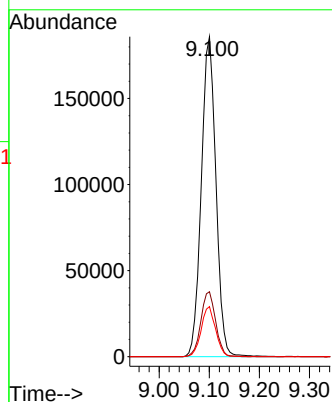
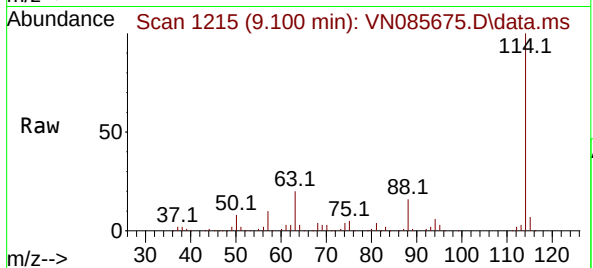
Tgt Ion:114 Resp: 376580

Ion Ratio Lower Upper

114 100

63 20.3 0.0 47.6

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085675.D

Acq: 05 Feb 2025 14:23

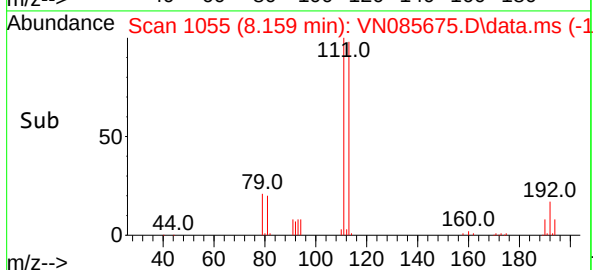
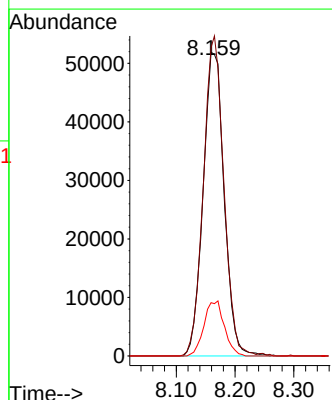
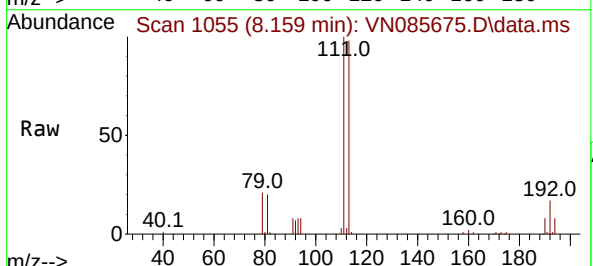
Tgt Ion:113 Resp: 128891

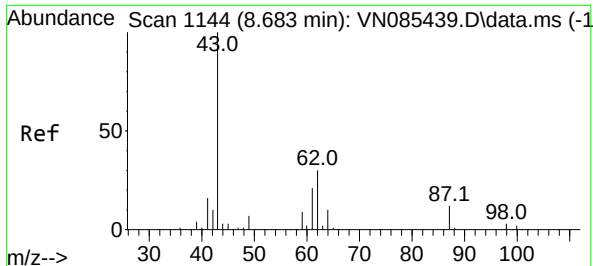
Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

192 17.5 14.3 21.5

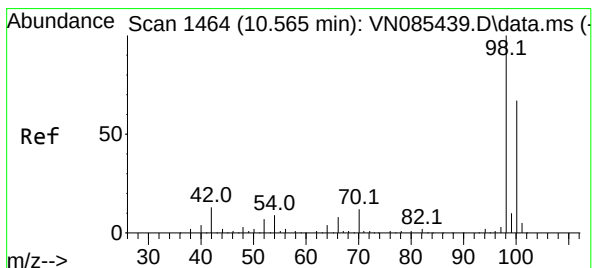
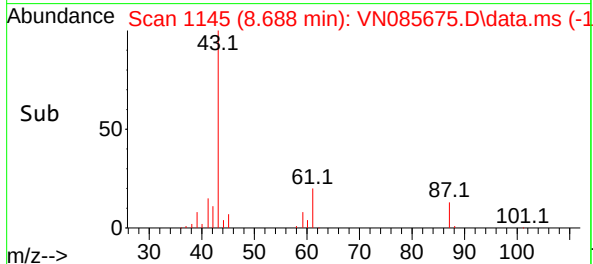
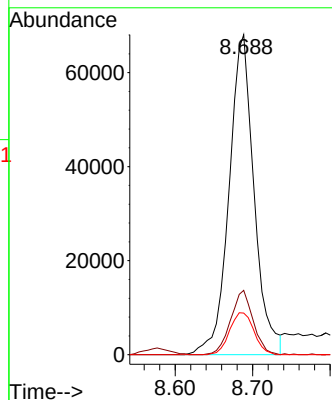
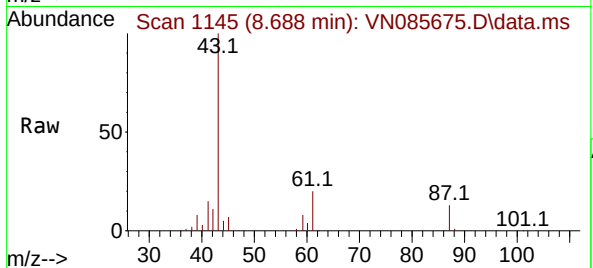




#43
Isopropyl Acetate
Concen: 25.877 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23

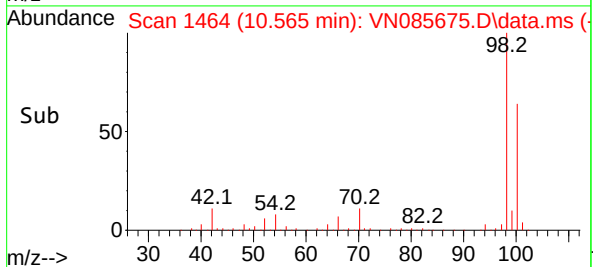
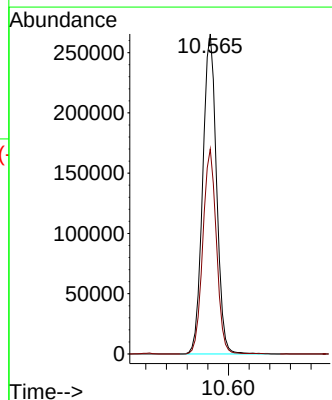
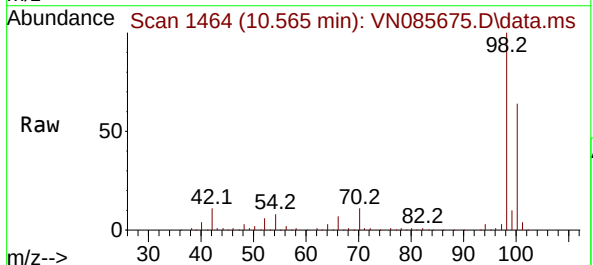
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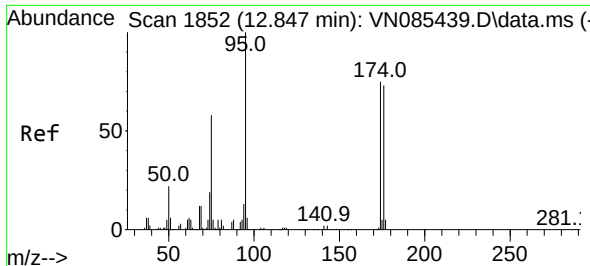
Tgt Ion: 43 Resp: 153457
Ion Ratio Lower Upper
43 100
61 18.1 20.7 31.1#
87 12.7 9.8 14.8



#50
Toluene-d8
Concen: 52.903 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23

Tgt Ion: 98 Resp: 491058
Ion Ratio Lower Upper
98 100
100 63.2 52.2 78.4

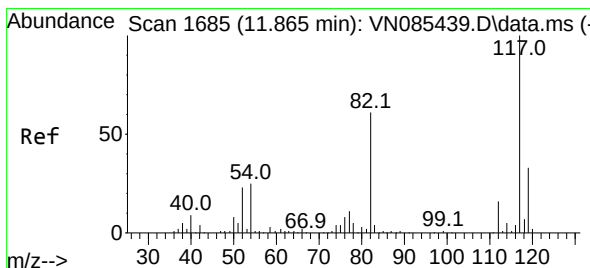
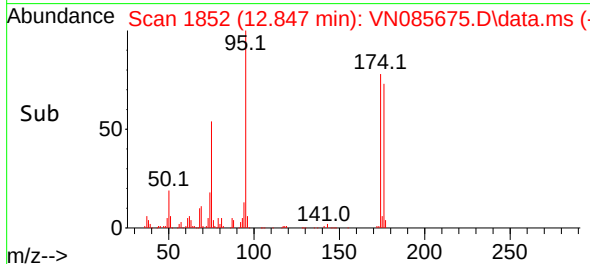
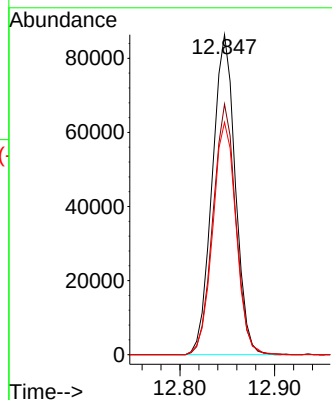
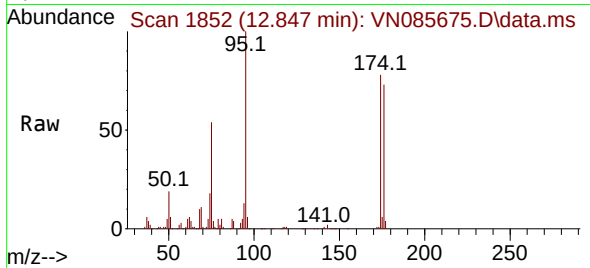




#62
4-Bromofluorobenzene
Concen: 45.947 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23

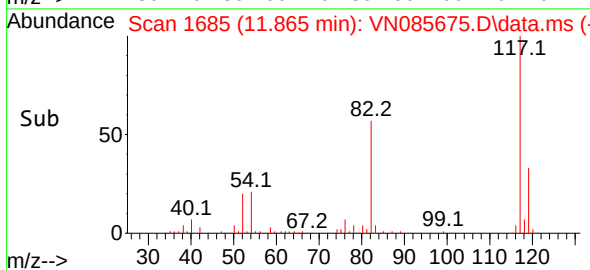
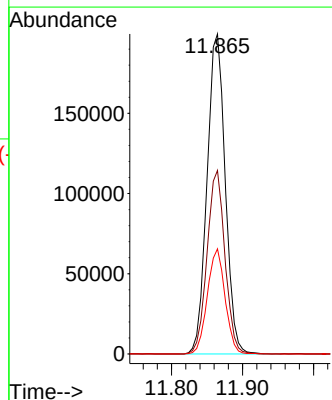
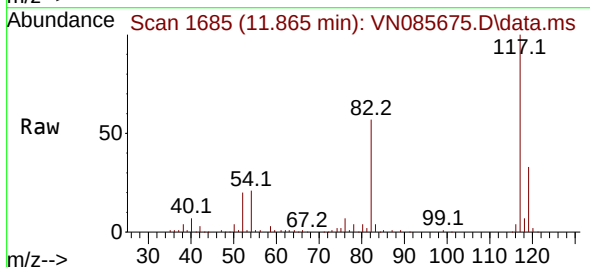
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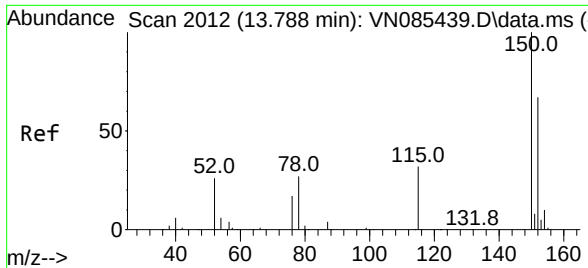
Tgt Ion: 95 Resp: 145894
Ion Ratio Lower Upper
95 100
174 77.7 0.0 145.0
176 73.7 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085675.D
Acq: 05 Feb 2025 14:23

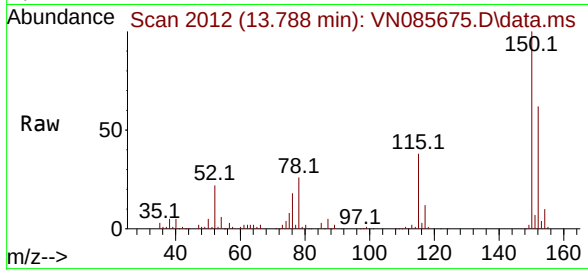
Tgt Ion: 117 Resp: 355363
Ion Ratio Lower Upper
117 100
82 57.4 48.6 72.8
119 32.8 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085675.D
 Acq: 05 Feb 2025 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#04



Tgt Ion:	152	Resp:	135360
Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.1	93.3
150	158.8	0.0	343.6

