

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085949.D
 Acq On : 11 Mar 2025 22:17
 Operator : JC\MD
 Sample : Q1514-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-103-SB01

Quant Time: Mar 12 01:32:26 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)

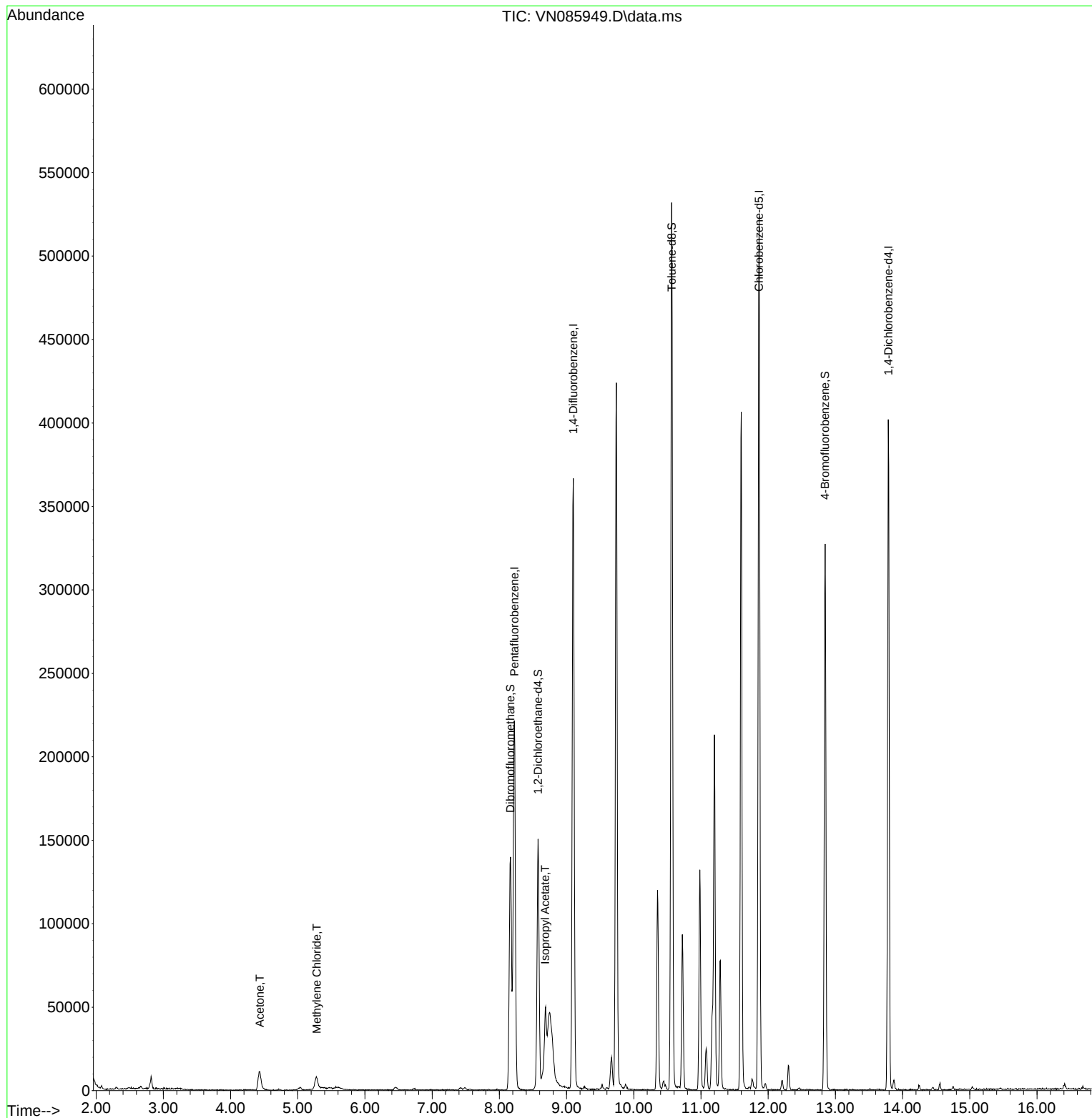
Internal Standards						
1) Pentafluorobenzene	8.224	168	159259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120192	58.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.420%
35) Dibromofluoromethane	8.165	113	101409	49.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	10.565	98	374101	49.781	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.847	95	117023	47.263	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.520%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	22305	34.141	ug/l	97
20) Methylene Chloride	5.283	84	6134	2.920	ug/l	88
43) Isopropyl Acetate	8.683	43	61567	14.192	ug/l #	78

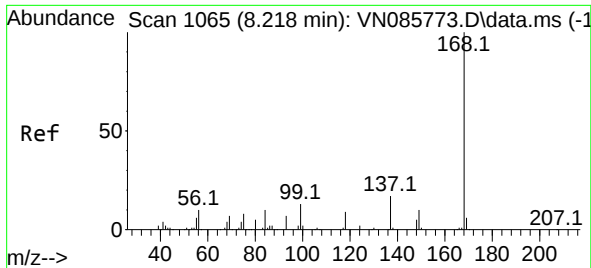
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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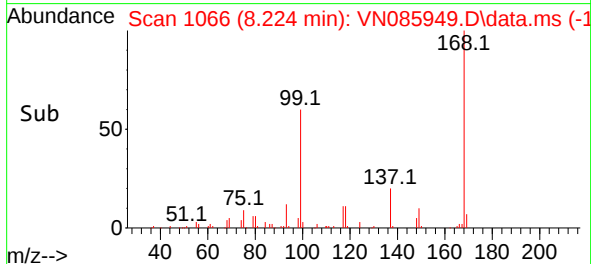
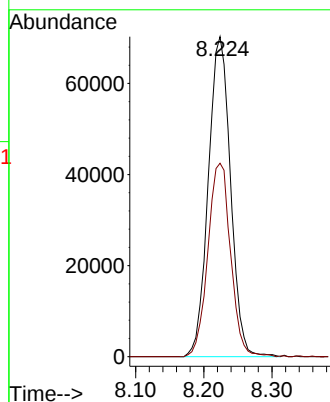
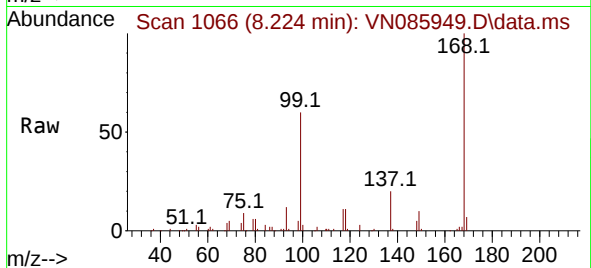




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

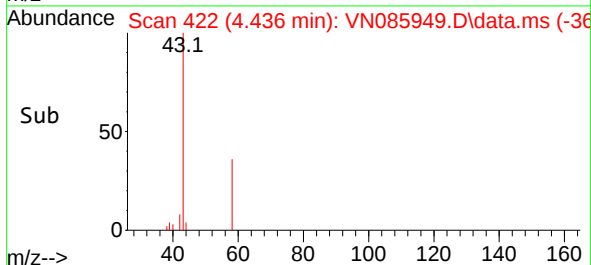
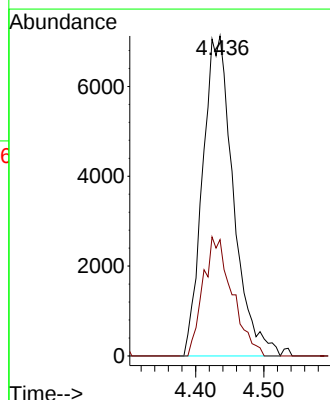
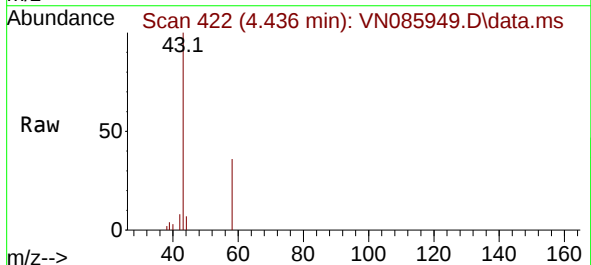
Instrument :
MSVOA_N
ClientSampleId :
ENV-103-SB01

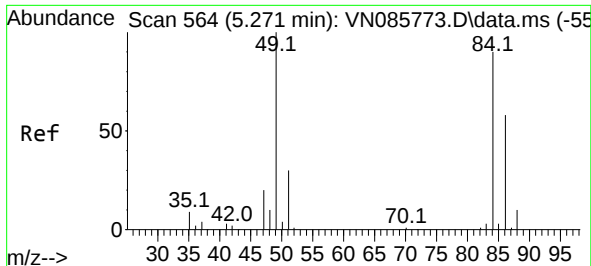
Tgt Ion:168 Resp: 159259
Ion Ratio Lower Upper
168 100
99 60.5 47.9 71.9



#16
Acetone
Concen: 34.141 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

Tgt Ion: 43 Resp: 22305
Ion Ratio Lower Upper
43 100
58 36.3 27.5 41.3



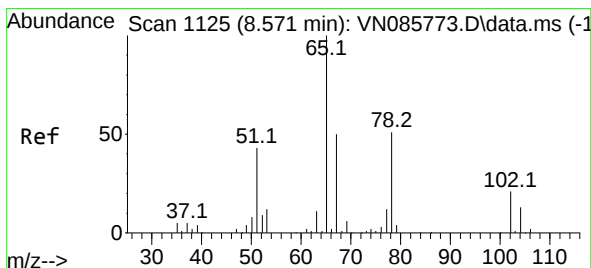
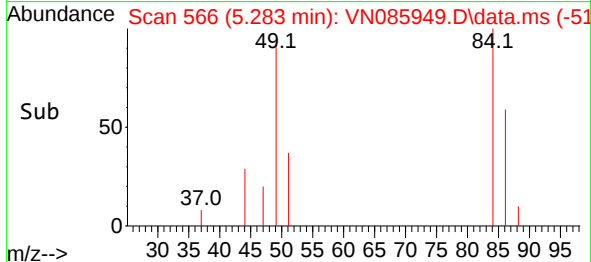
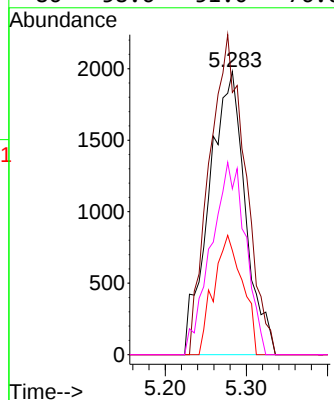
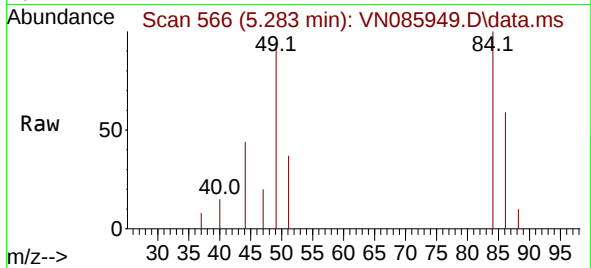


#20
Methylene Chloride
Concen: 2.920 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

Instrument :
MSVOA_N
ClientSampleId :
ENV-103-SB01

Tgt Ion: 84 Resp: 6134

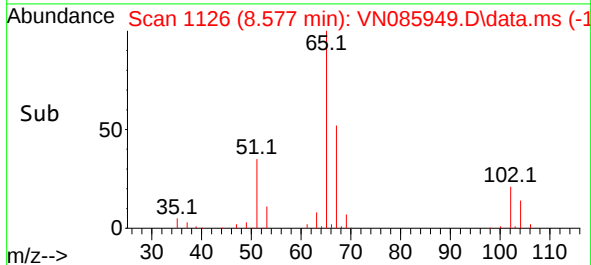
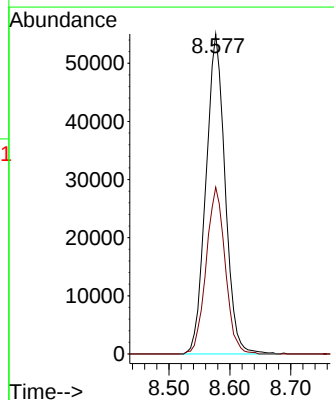
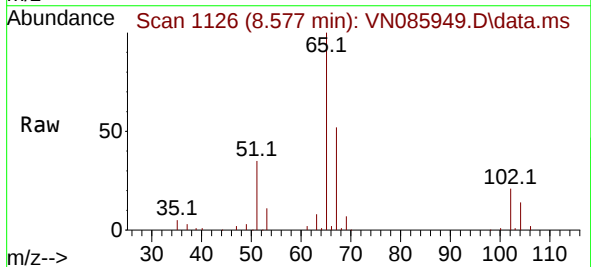
Ion	Ratio	Lower	Upper
84	100		
49	92.6	88.4	132.6
51	36.8	26.6	40.0
86	58.6	51.0	76.6

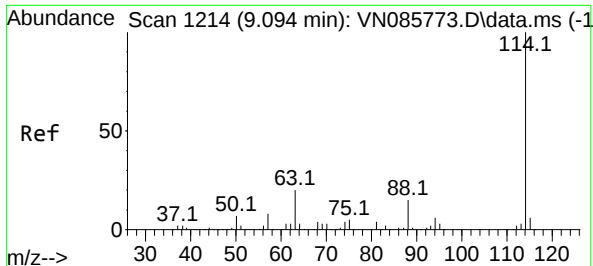


#33
1,2-Dichloroethane-d4
Concen: 58.212 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

Tgt Ion: 65 Resp: 120192

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085949.D

Acq: 11 Mar 2025 22:17

Instrument :

MSVOA_N

ClientSampleId :

ENV-103-SB01

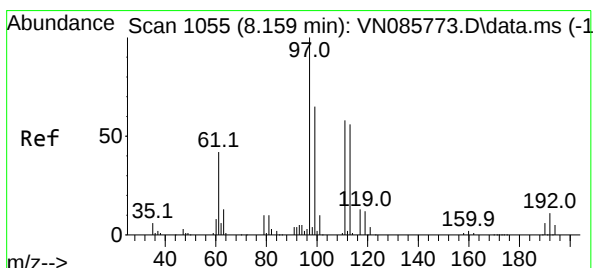
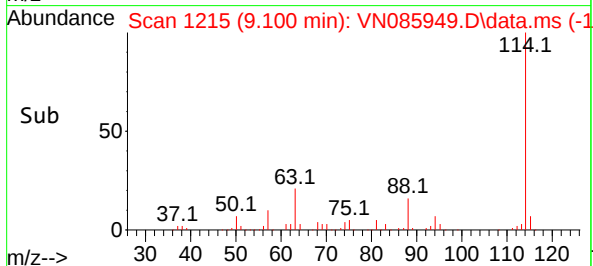
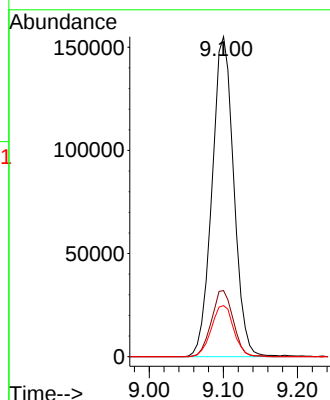
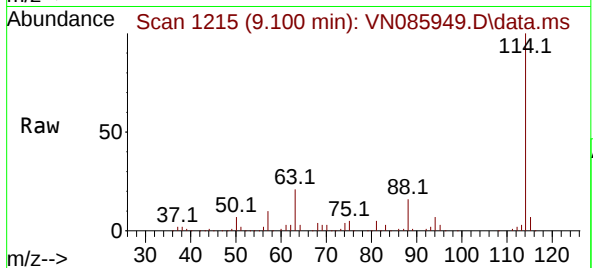
Tgt Ion:114 Resp: 315656

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 49.097 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085949.D

Acq: 11 Mar 2025 22:17

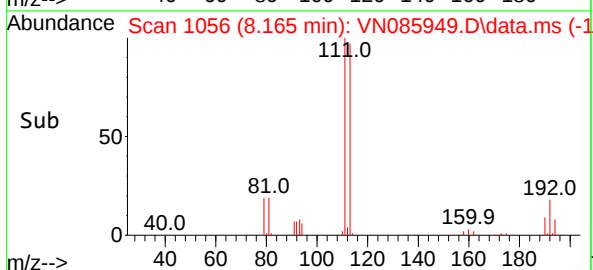
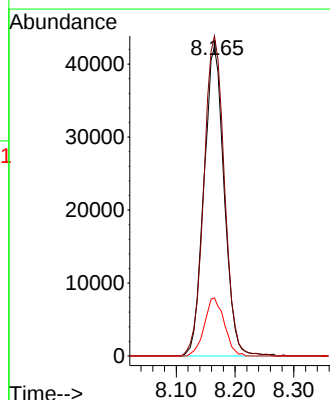
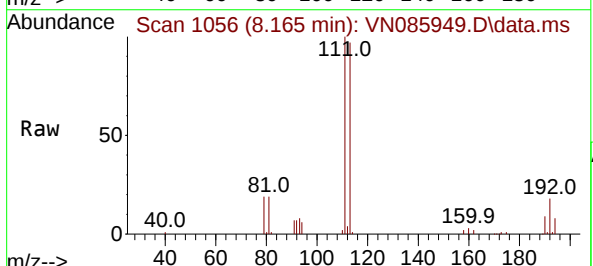
Tgt Ion:113 Resp: 101409

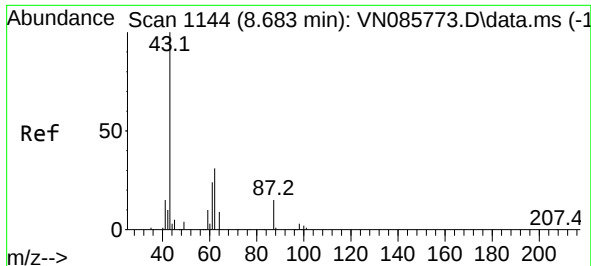
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 18.4 14.7 22.1

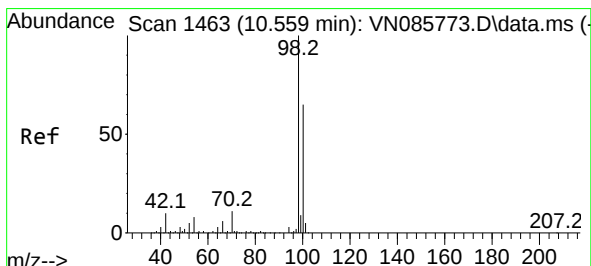
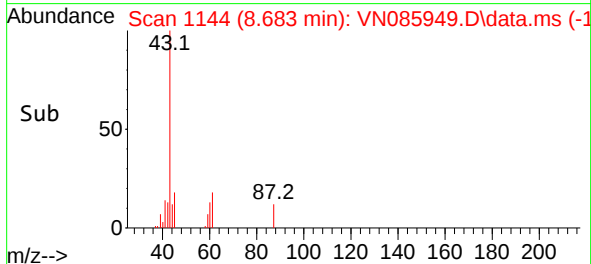
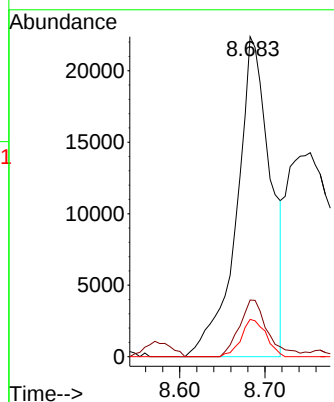
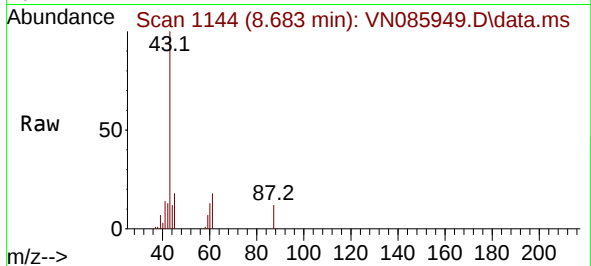




#43
Isopropyl Acetate
Concen: 14.192 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

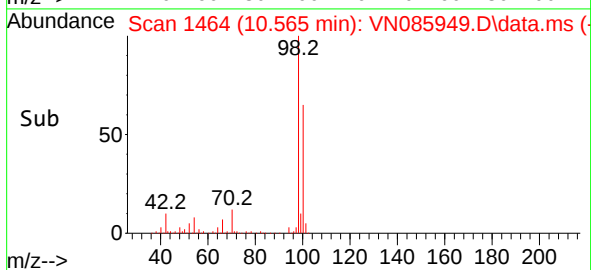
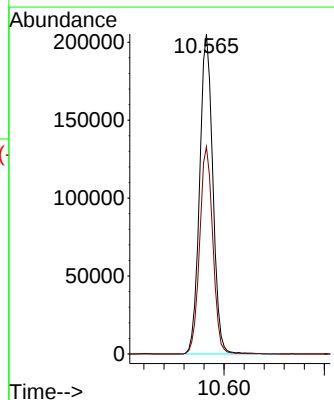
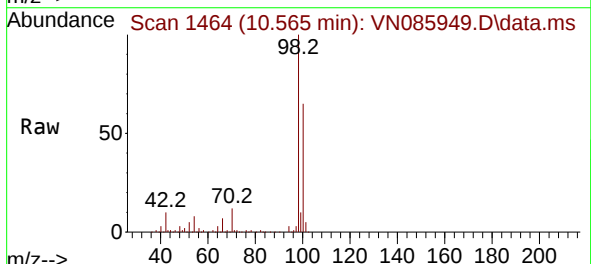
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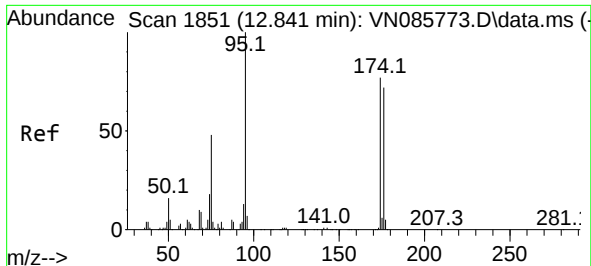
Tgt Ion: 43 Resp: 61567
Ion Ratio Lower Upper
43 100
61 14.7 22.6 34.0#
87 8.6 11.8 17.8#



#50
Toluene-d8
Concen: 49.781 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

Tgt Ion: 98 Resp: 374101
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

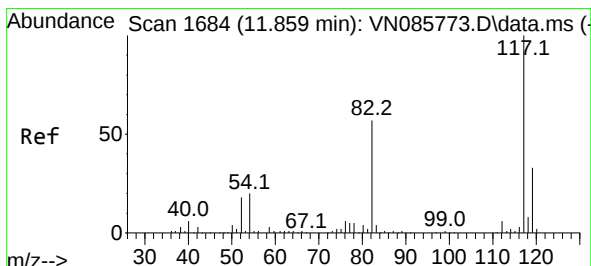
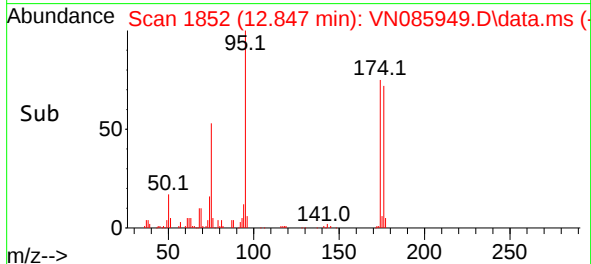
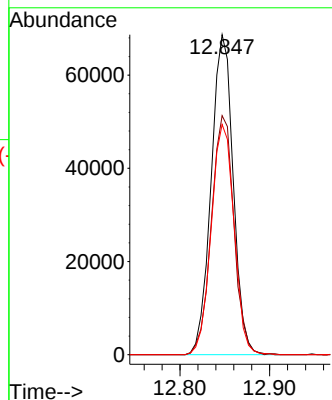
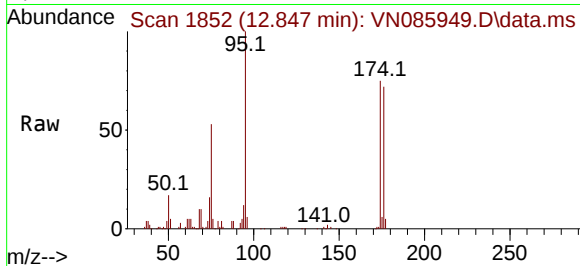




#62
4-Bromofluorobenzene
Concen: 47.263 ug/l
RT: 12.847 min Scan# 117023
Delta R.T. 0.006 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

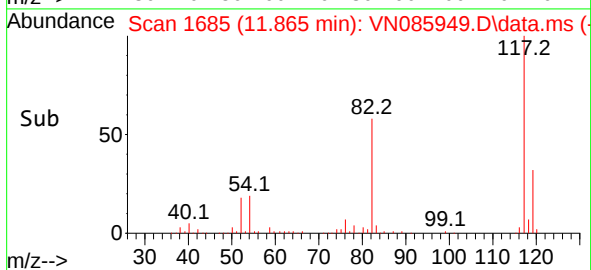
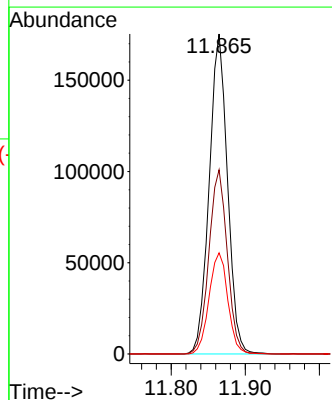
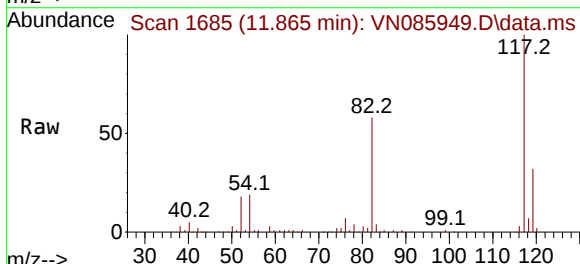
Instrument :
MSVOA_N
ClientSampleId :
ENV-103-SB01

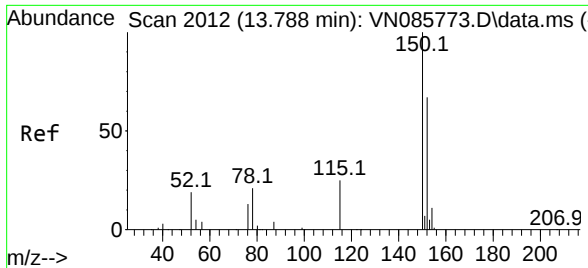
Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	152.4
176	74.6	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085949.D
Acq: 11 Mar 2025 22:17

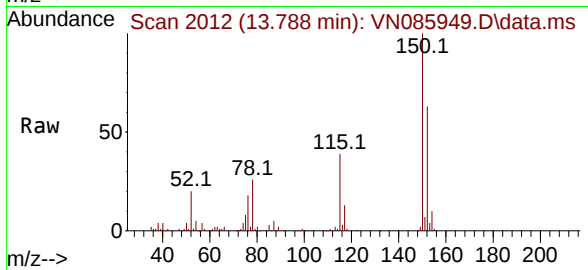
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.7	68.5
119	31.6	26.2	39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085949.D
 Acq: 11 Mar 2025 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 ENV-103-SB01



Tgt Ion:152 Resp: 110799
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.4 91.3
 150 157.4 0.0 345.4

