

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085940.D
 Acq On : 11 Mar 2025 18:40
 Operator : JC\MD
 Sample : PB167050ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#07

Quant Time: Mar 12 01:27:13 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)

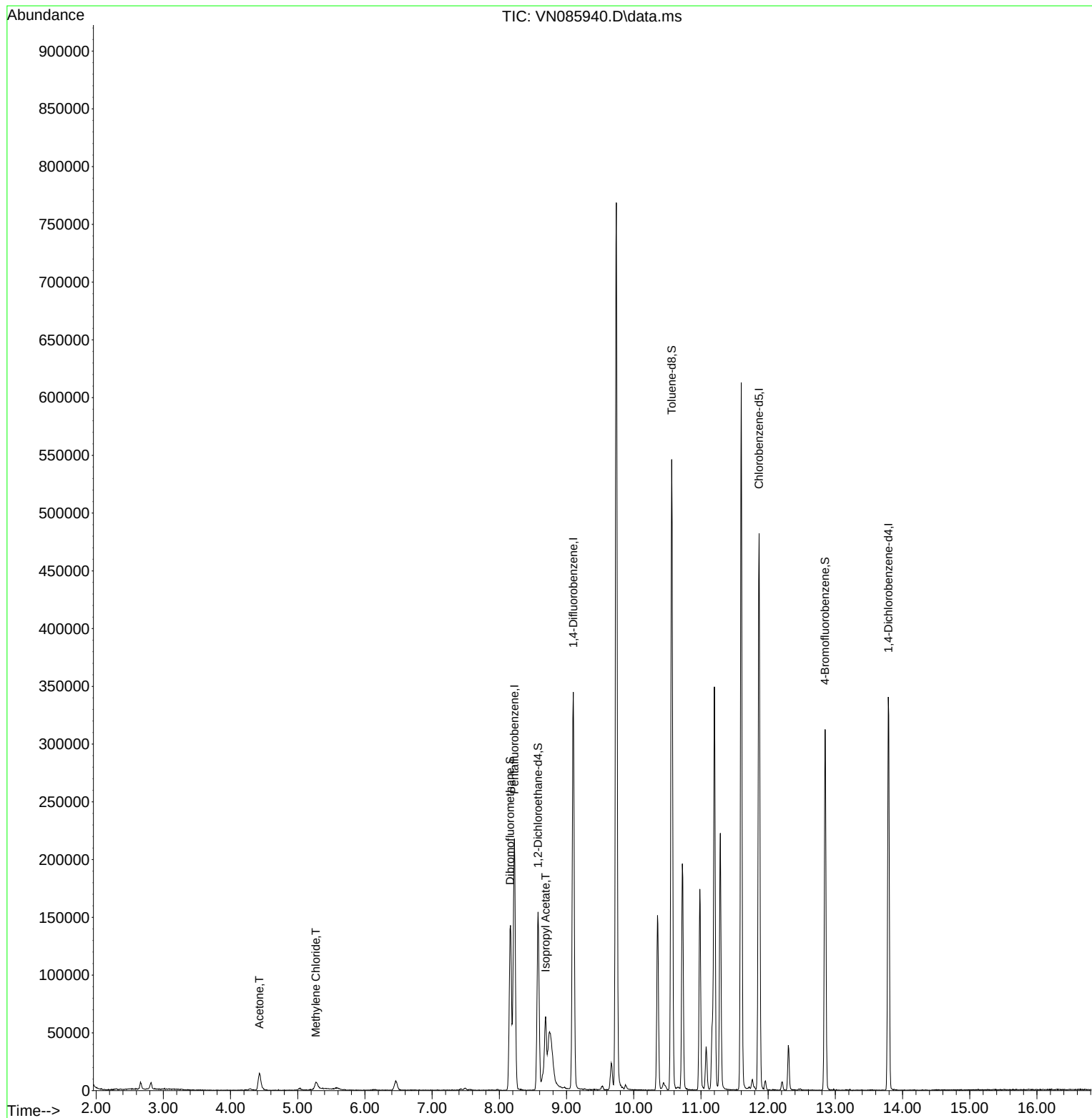
Internal Standards						
1) Pentafluorobenzene	8.224	168	151984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125448	63.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.340%#	
35) Dibromofluoromethane	8.159	113	103759	53.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.120%	
50) Toluene-d8	10.565	98	385323	54.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.320%	
62) 4-Bromofluorobenzene	12.847	95	108665	46.357	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	27207	43.638	ug/l #	85
20) Methylene Chloride	5.271	84	5306	2.646	ug/l	92
43) Isopropyl Acetate	8.688	43	75220	18.475	ug/l #	82

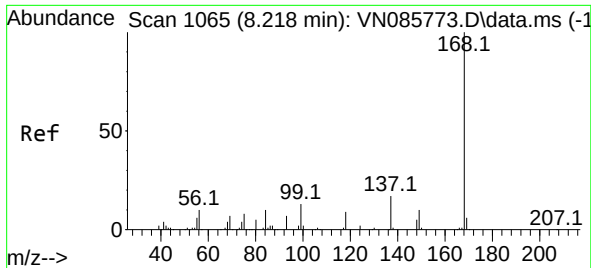
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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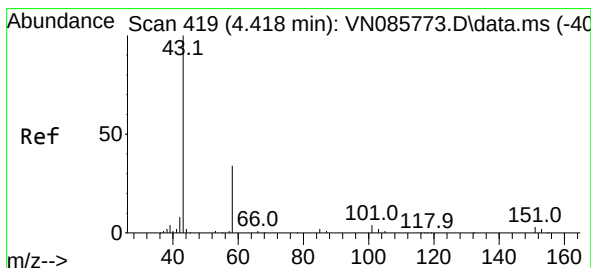
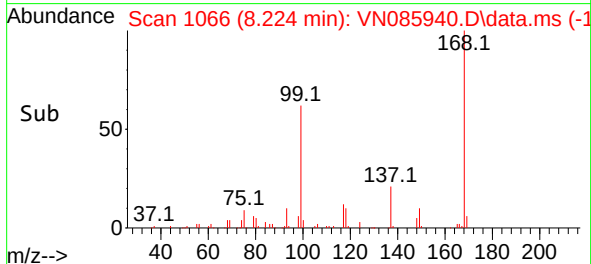
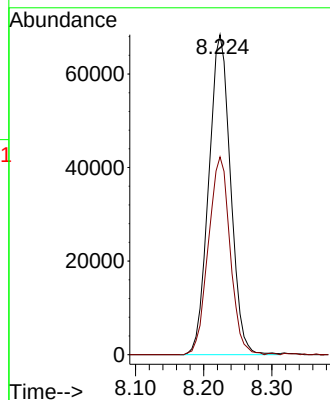
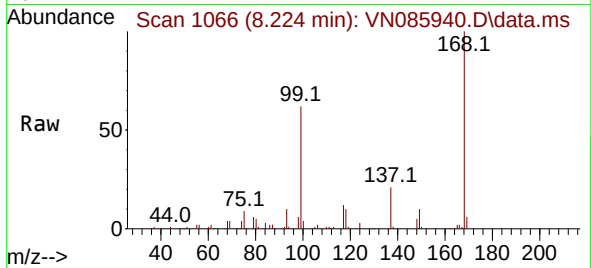




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

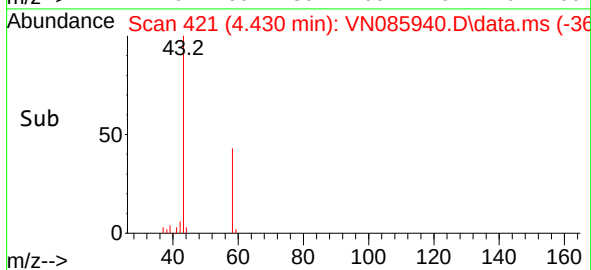
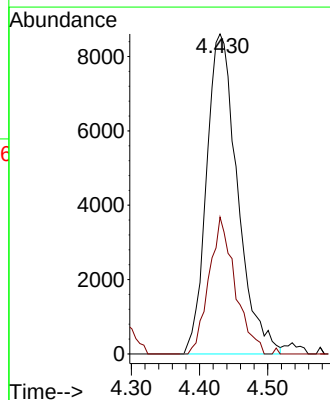
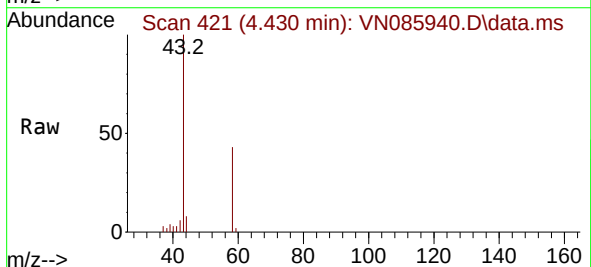
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#07

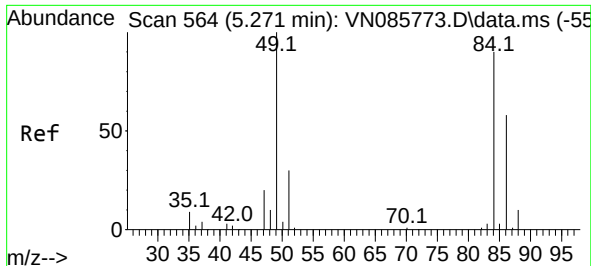
Tgt Ion:168 Resp: 151984
Ion Ratio Lower Upper
168 100
99 61.8 47.9 71.9



#16
Acetone
Concen: 43.638 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

Tgt Ion: 43 Resp: 27207
Ion Ratio Lower Upper
43 100
58 42.8 27.5 41.3#

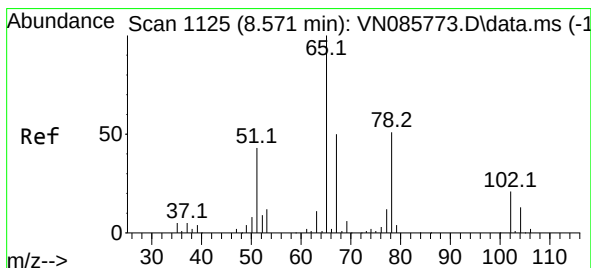
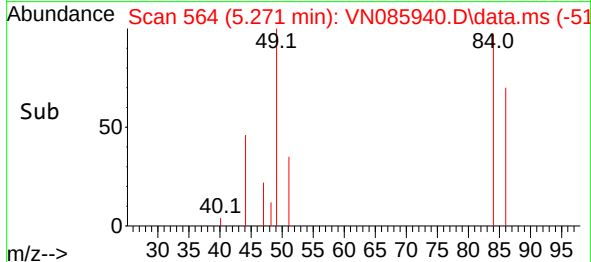
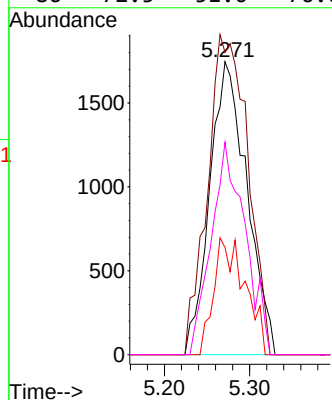
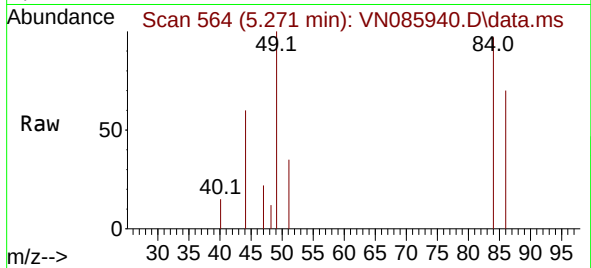




#20
Methylene Chloride
Concen: 2.646 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

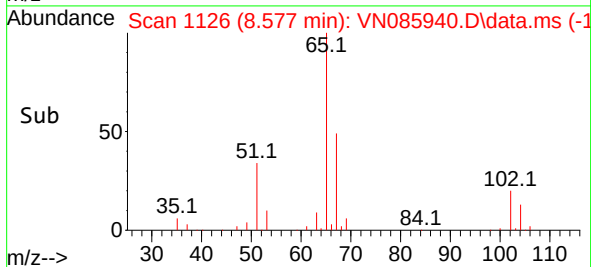
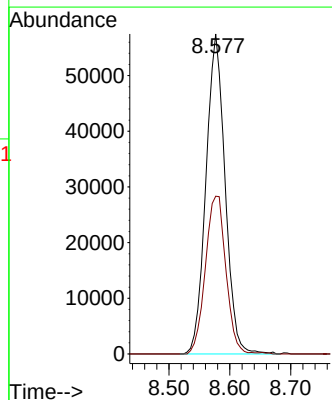
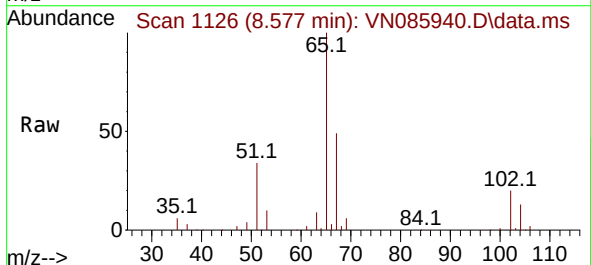
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#07

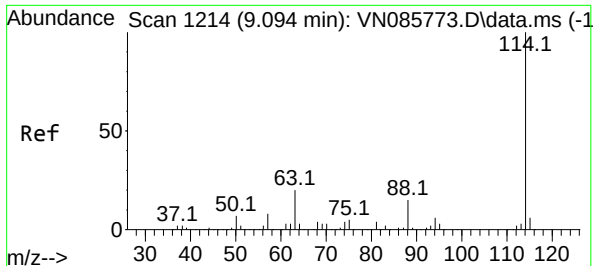
Tgt Ion:	84	Resp:	5306
Ion	Ratio	Lower	Upper
84	100		
49	103.2	88.4	132.6
51	36.6	26.6	40.0
86	72.5	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 63.666 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

Tgt Ion:	65	Resp:	125448
Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VN085940.D

Acq: 11 Mar 2025 18:40

Instrument :

MSVOA_N

ClientSampleId :

PB167050ZHE#07

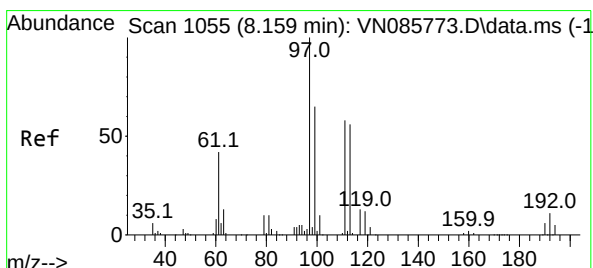
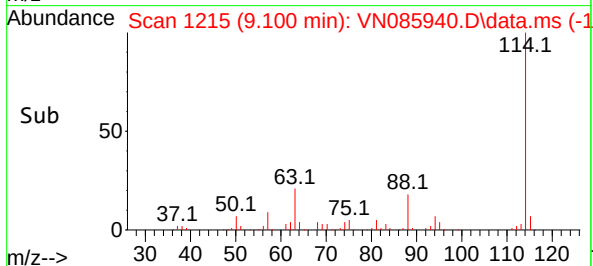
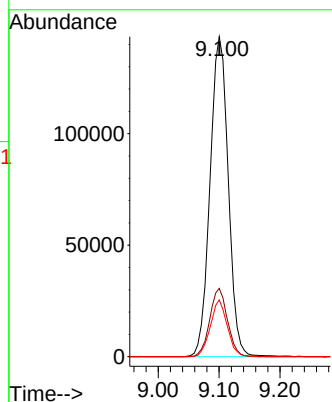
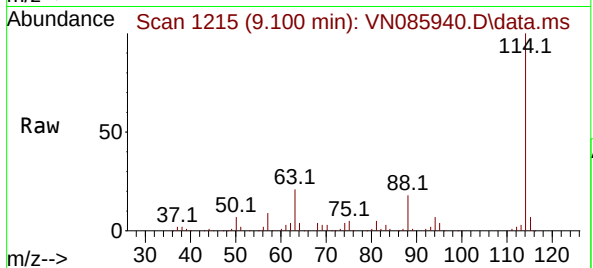
Tgt Ion:114 Resp: 298839

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

88 17.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.061 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085940.D

Acq: 11 Mar 2025 18:40

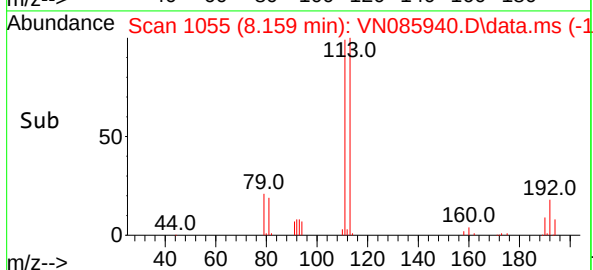
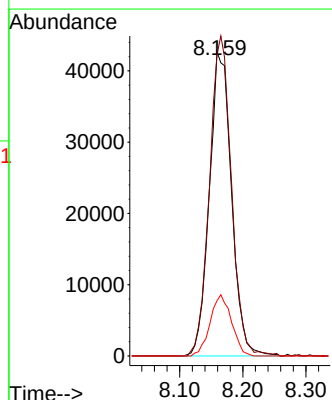
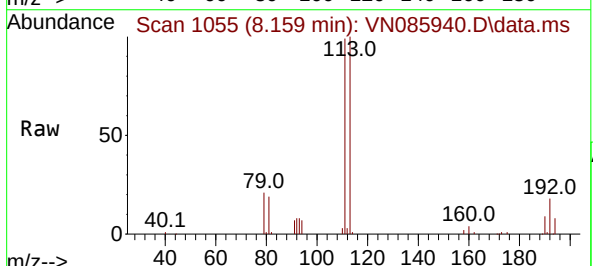
Tgt Ion:113 Resp: 103759

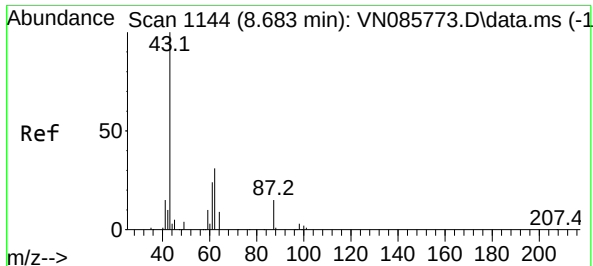
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 19.4 14.7 22.1

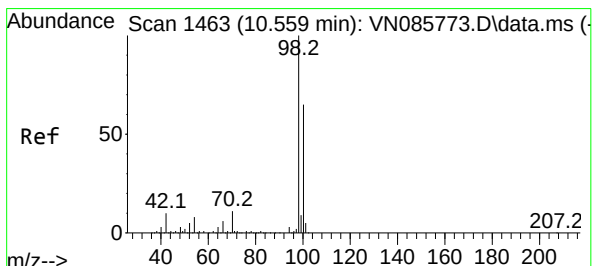
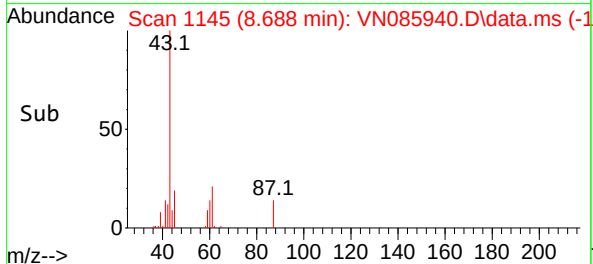
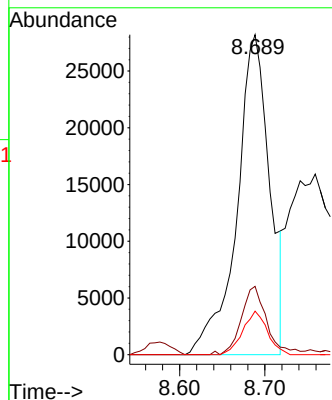
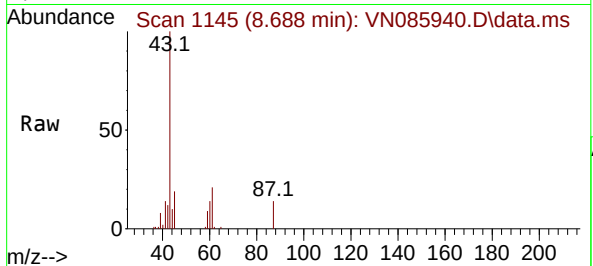




#43
Isopropyl Acetate
Concen: 18.475 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

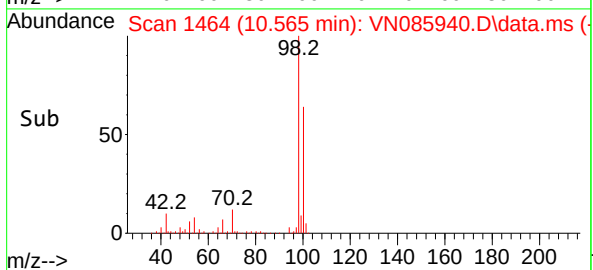
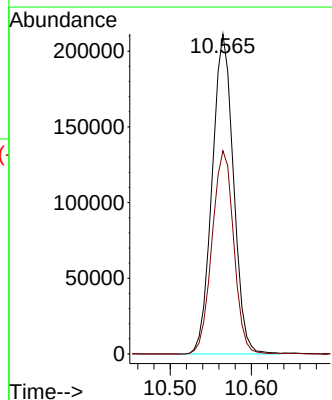
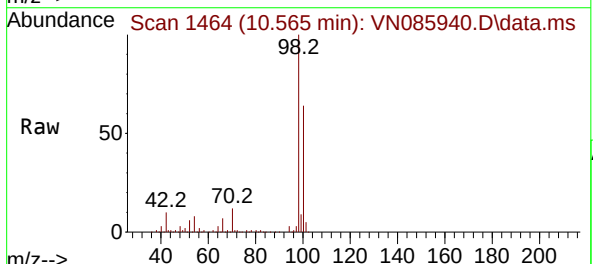
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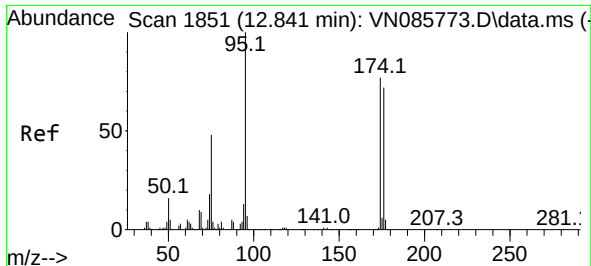
Tgt Ion: 43 Resp: 75220
Ion Ratio Lower Upper
43 100
61 16.8 22.6 34.0#
87 10.2 11.8 17.8#



#50
Toluene-d8
Concen: 54.160 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

Tgt Ion: 98 Resp: 385323
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

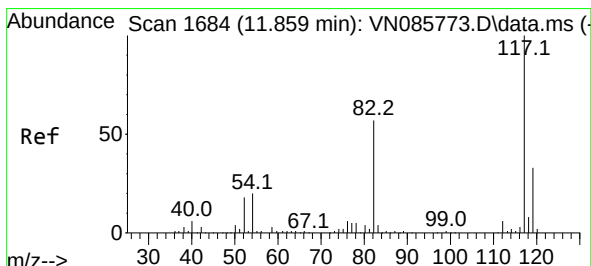
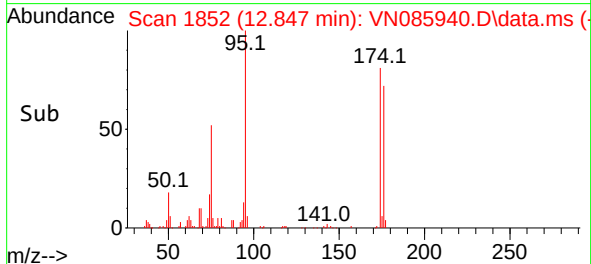
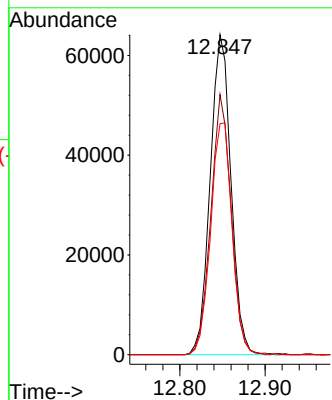
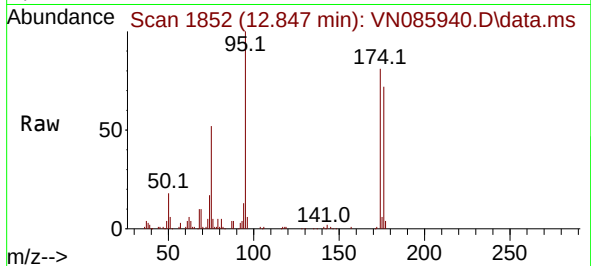




#62
4-Bromofluorobenzene
Concen: 46.357 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

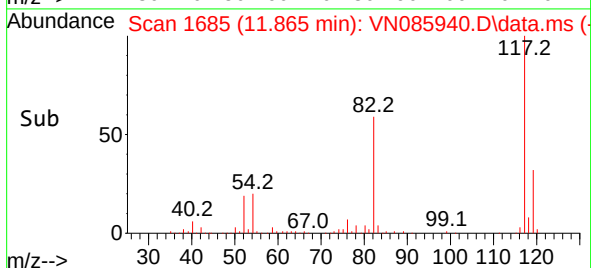
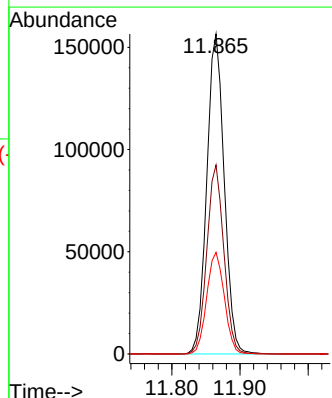
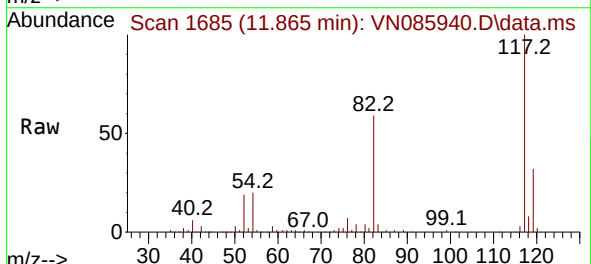
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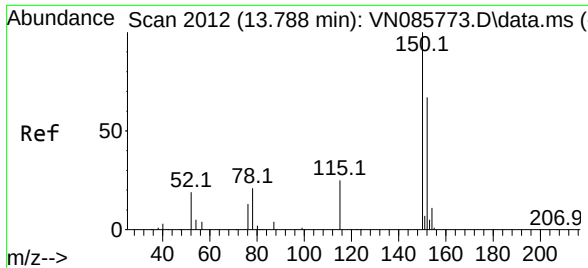
Tgt Ion: 95 Resp: 108665
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.4
176 74.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085940.D
Acq: 11 Mar 2025 18:40

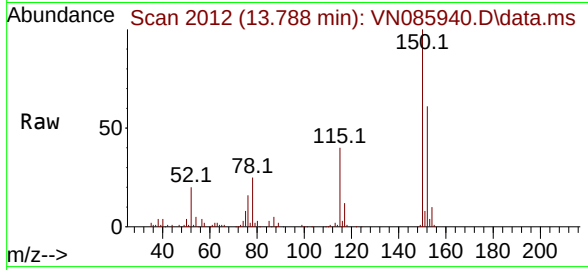
Tgt Ion: 117 Resp: 278612
Ion Ratio Lower Upper
117 100
82 59.1 45.7 68.5
119 31.7 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085940.D
 Acq: 11 Mar 2025 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#07



Tgt Ion:	152	Resp:	94621
Ion Ratio	Lower	Upper	
152	100		
115	62.1	30.4	91.3
150	162.2	0.0	345.4

