

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085612.D
 Acq On : 31 Jan 2025 19:17
 Operator : JC\MD
 Sample : PB166357ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#17

Quant Time: Jan 31 22:34:20 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)

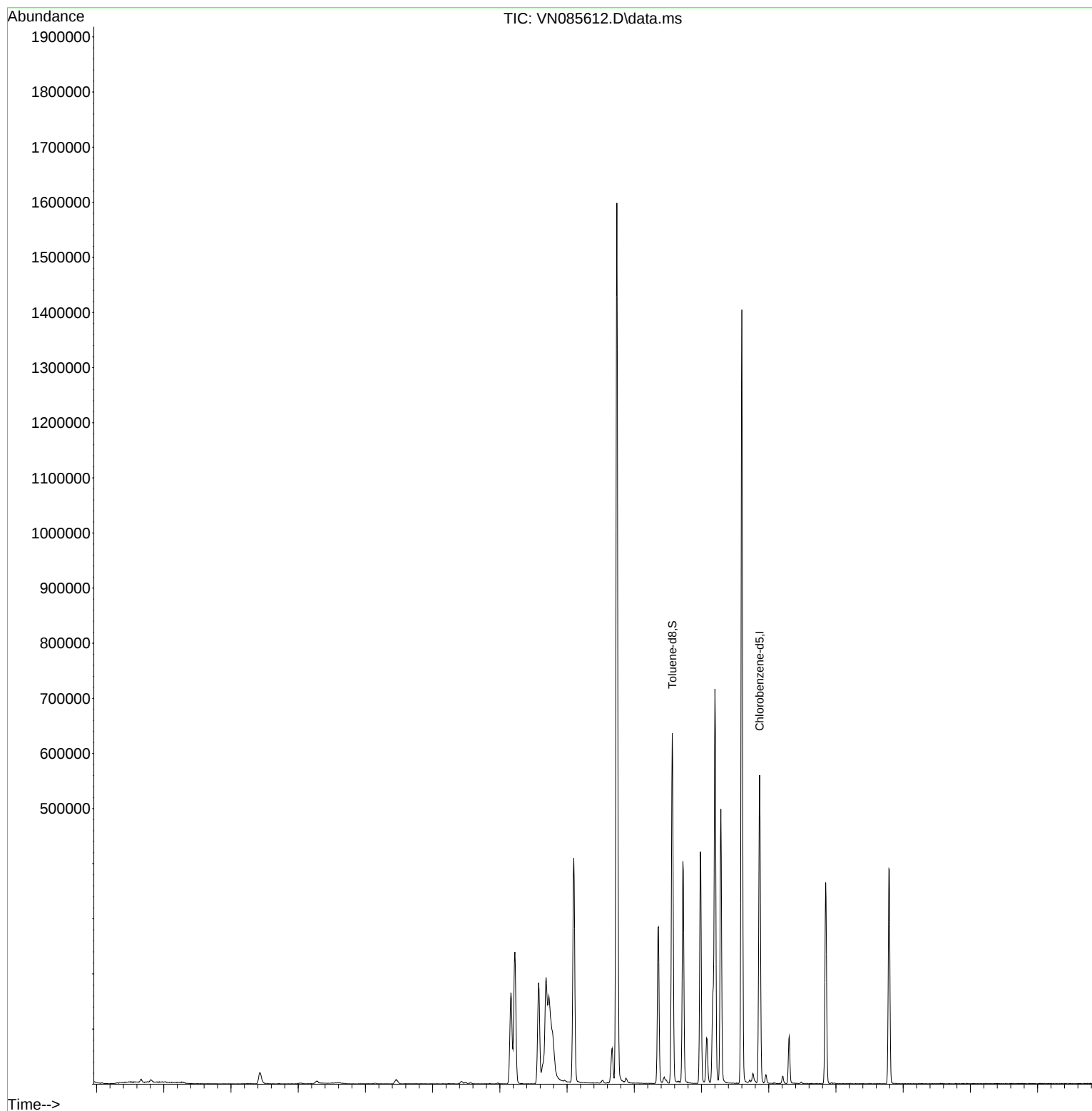
Internal Standards						
1) Pentafluorobenzene	8.224	168	161151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152506	58.627	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.260%	
35) Dibromofluoromethane	8.165	113	114752	50.124	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.240%	
50) Toluene-d8	10.565	98	423069	52.012	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.020%	
62) 4-Bromofluorobenzene	12.847	95	118167	42.469	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	84.940%	
Target Compounds						
16) Acetone	4.430	43	40716	48.442	ug/l	96
20) Methylene Chloride	5.277	84	3367	1.618	ug/l #	82
43) Isopropyl Acetate	8.688	43	261757	50.370	ug/l #	77

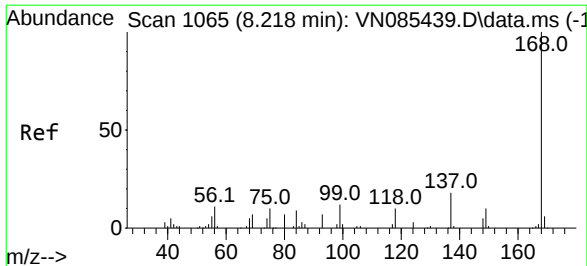
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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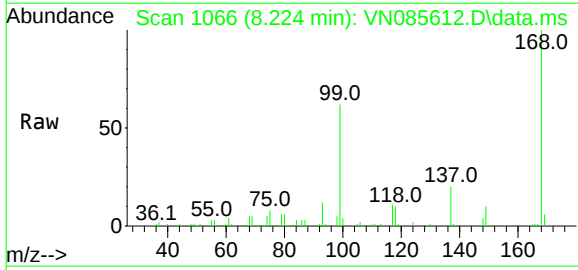
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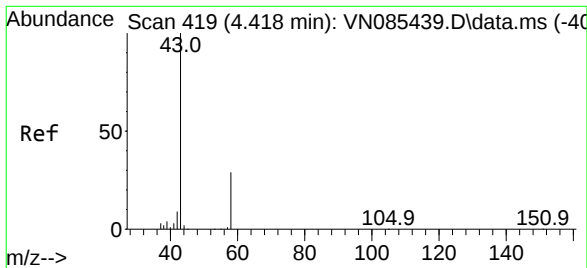
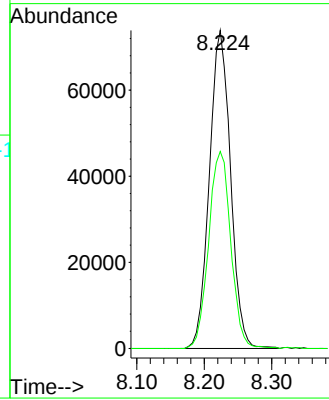
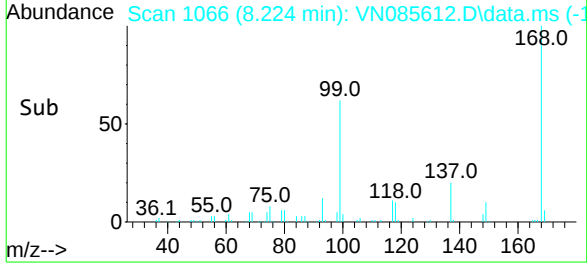


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085612.D
Acq: 31 Jan 2025 19:17

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#17

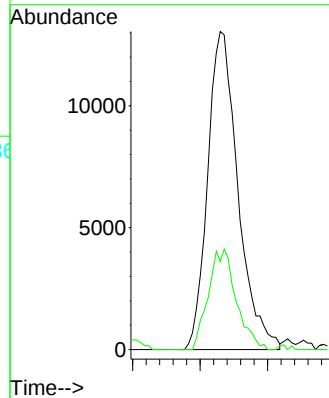
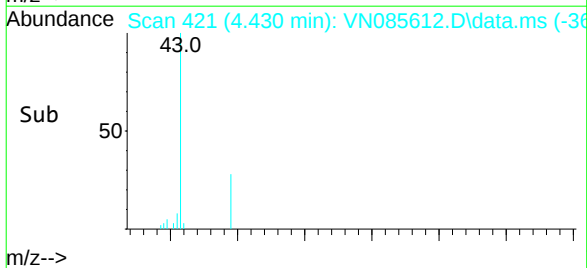
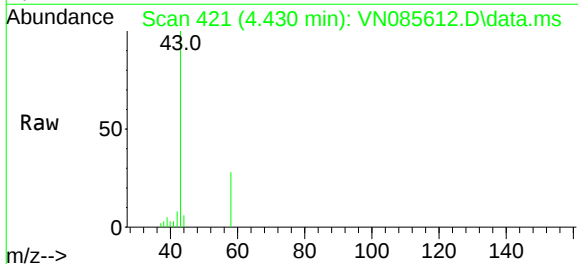


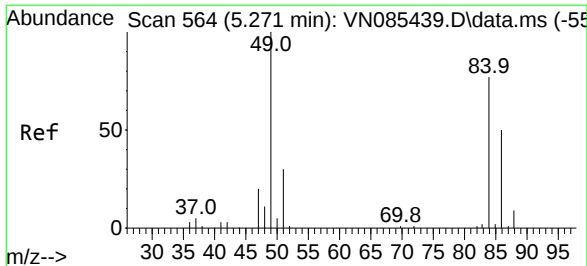
Tgt Ion:168 Resp: 161151
Ion Ratio Lower Upper
168 100
99 61.9 53.6 80.4



#16
Acetone
Concen: 48.442 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085612.D
Acq: 31 Jan 2025 19:17

Tgt Ion: 43 Resp: 40716
Ion Ratio Lower Upper
43 100
58 27.7 23.8 35.6





#20

Methylene Chloride

Concen: 1.618 ug/l

RT: 5.277 min Scan# 56

Delta R.T. 0.006 min

Lab File: VN085612.D

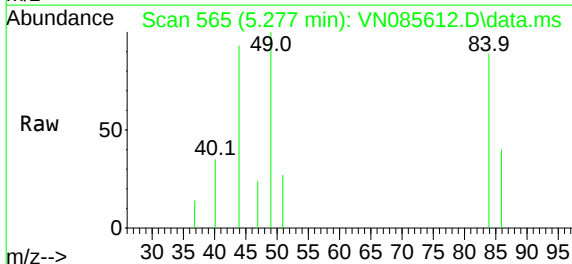
Acq: 31 Jan 2025 19:17

Instrument :

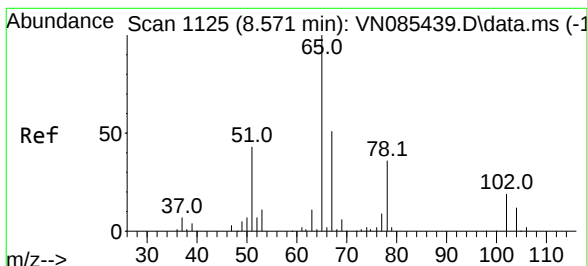
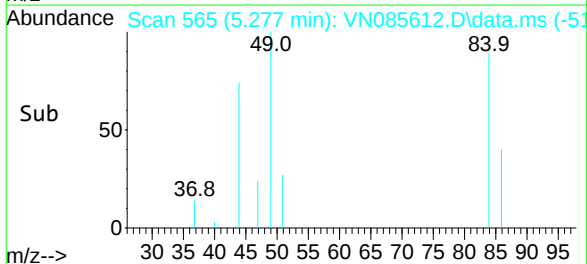
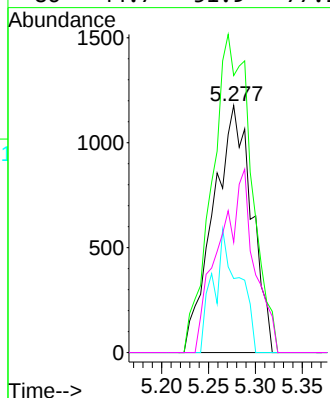
MSVOA_N

ClientSampleId :

PB166357ZHE#17



Tgt Ion:	84	Resp:	3367
Ion	Ratio	Lower	Upper
84	100		
49	112.1	104.1	156.1
51	30.0	31.0	46.4#
86	44.7	51.9	77.9#



#33

1,2-Dichloroethane-d4

Concen: 58.627 ug/l

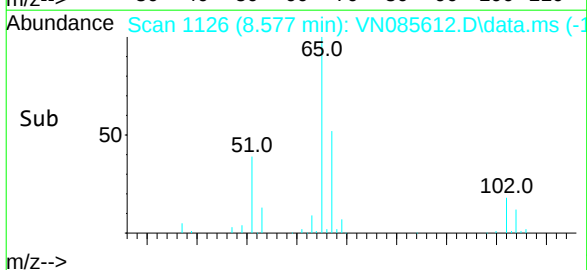
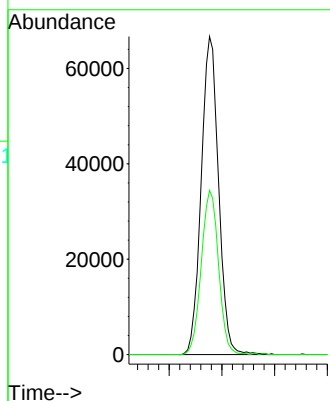
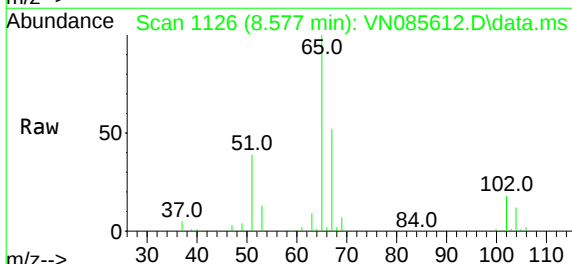
RT: 8.577 min Scan# 1126

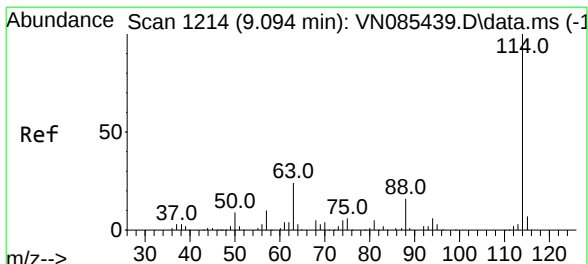
Delta R.T. 0.006 min

Lab File: VN085612.D

Acq: 31 Jan 2025 19:17

Tgt Ion:	65	Resp:	152506
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.6

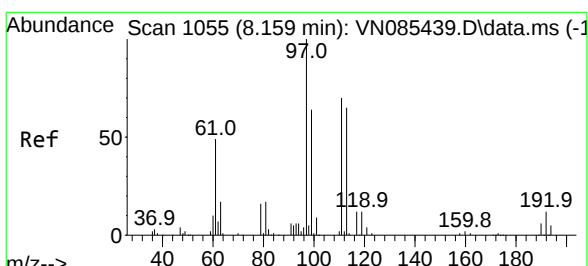
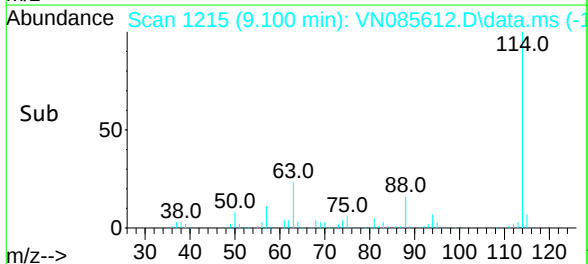
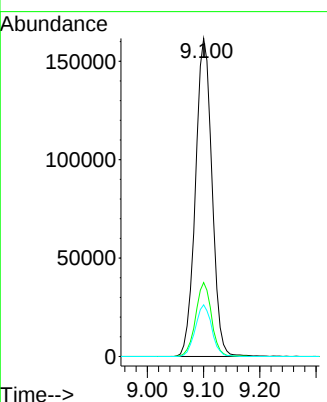
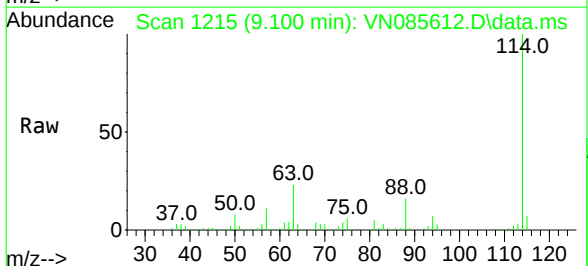




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085612.D
 Acq: 31 Jan 2025 19:17

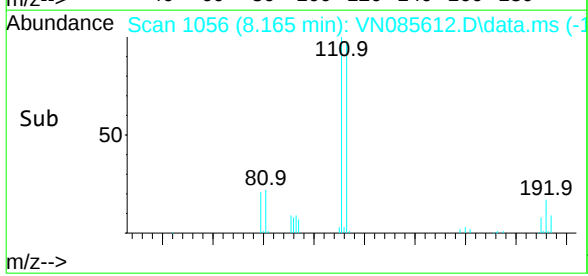
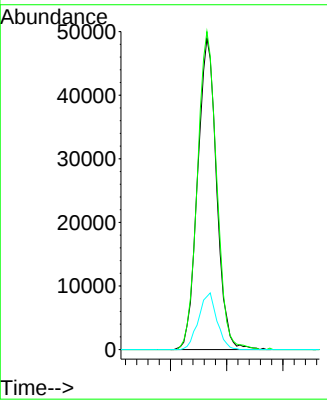
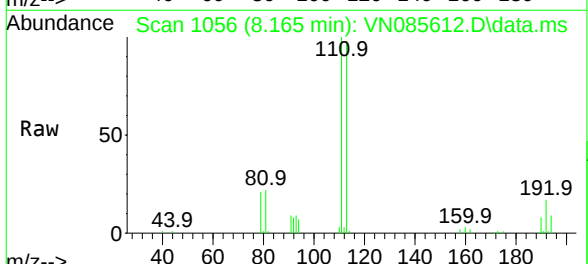
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#17

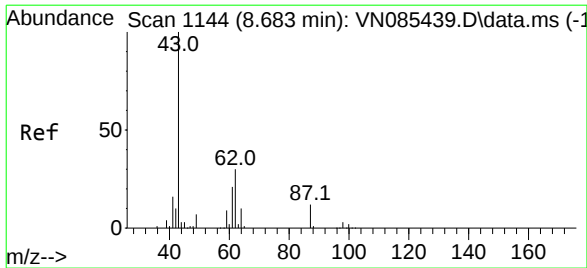
Tgt Ion:	114	Resp:	329996
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.6
88	16.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.124 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085612.D
 Acq: 31 Jan 2025 19:17

Tgt Ion:	113	Resp:	114752
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	17.6	14.3	21.5

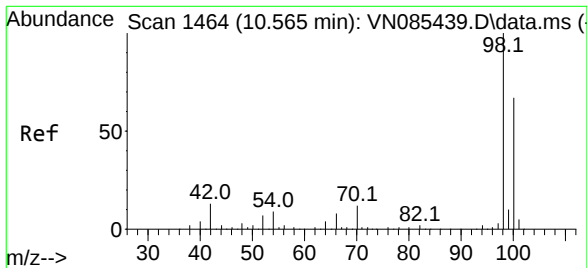
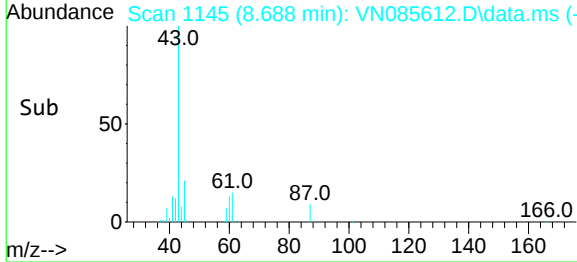
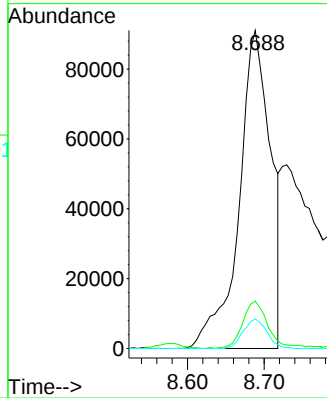
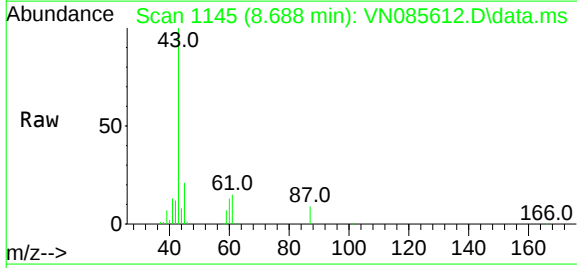




#43
Isopropyl Acetate
Concen: 50.370 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085612.D
Acq: 31 Jan 2025 19:17

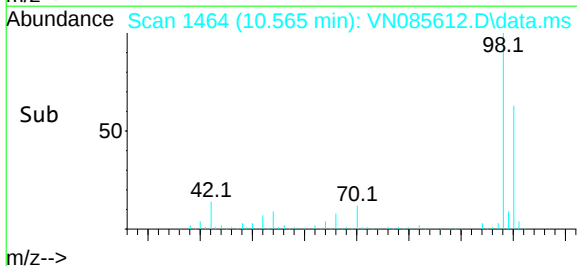
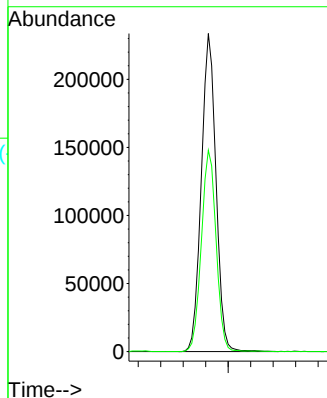
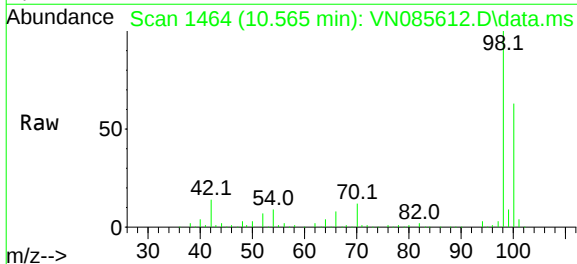
Instrument :
MSVOA_N
ClientSampleId :
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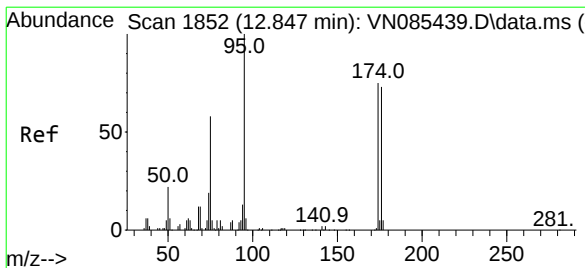
Tgt Ion: 43 Resp: 261757
Ion Ratio Lower Upper
43 100
61 12.2 20.7 31.1#
87 6.9 9.8 14.8#



#50
Toluene-d8
Concen: 52.012 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085612.D
Acq: 31 Jan 2025 19:17

Tgt Ion: 98 Resp: 423069
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 42.469 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085612.D

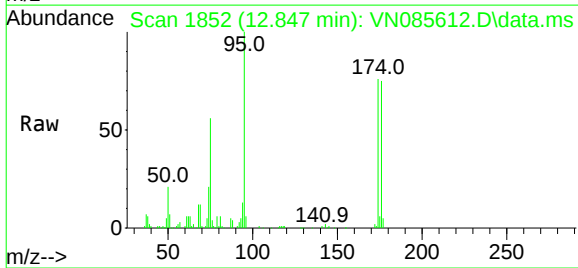
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Instrument :

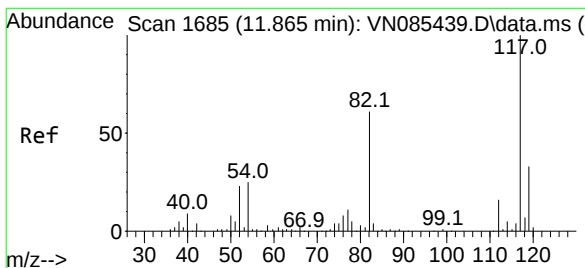
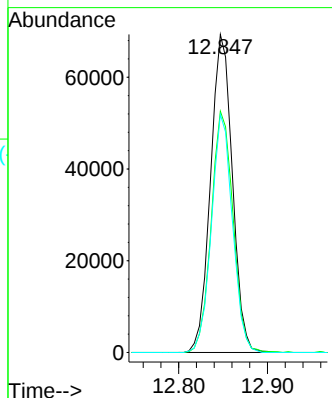
MSVOA_N

ClientSampleId :

PB166357ZHE#17



Tgt Ion:	95	Resp:	118167
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	145.0
176	72.4	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

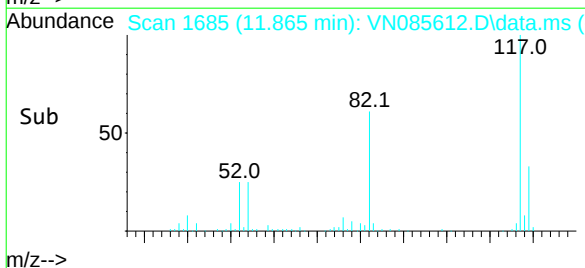
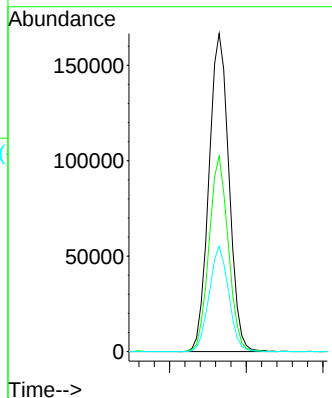
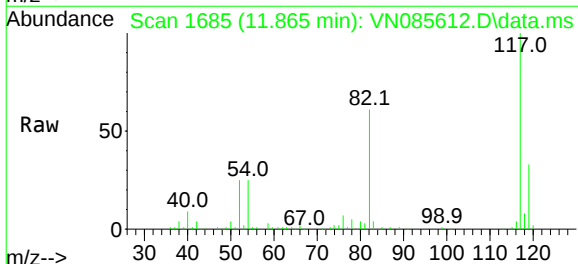
RT: 11.865 min Scan# 1685

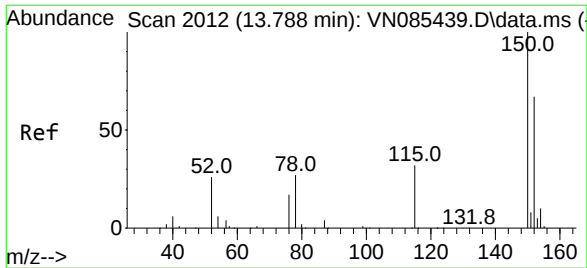
Delta R.T. -0.000 min

Lab File: VN085612.D

Acq: 31 Jan 2025 19:17

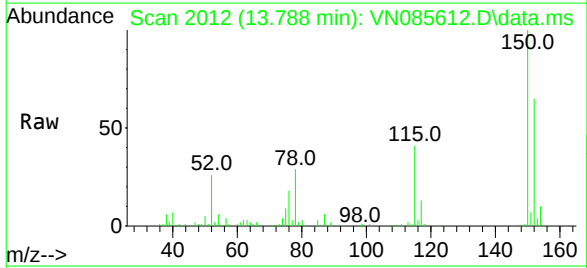
Tgt Ion:	117	Resp:	302646
Ion Ratio	Lower	Upper	
117	100		
82	61.5	48.6	72.8
119	33.1	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085612.D
 Acq: 31 Jan 2025 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#17



Tgt Ion:	152	Resp:	103424
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	155.9	0.0	343.6

