

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085564.D
 Acq On : 29 Jan 2025 17:53
 Operator : JC\MD
 Sample : PB166319ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#01

Quant Time: Jan 30 00:39:32 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)

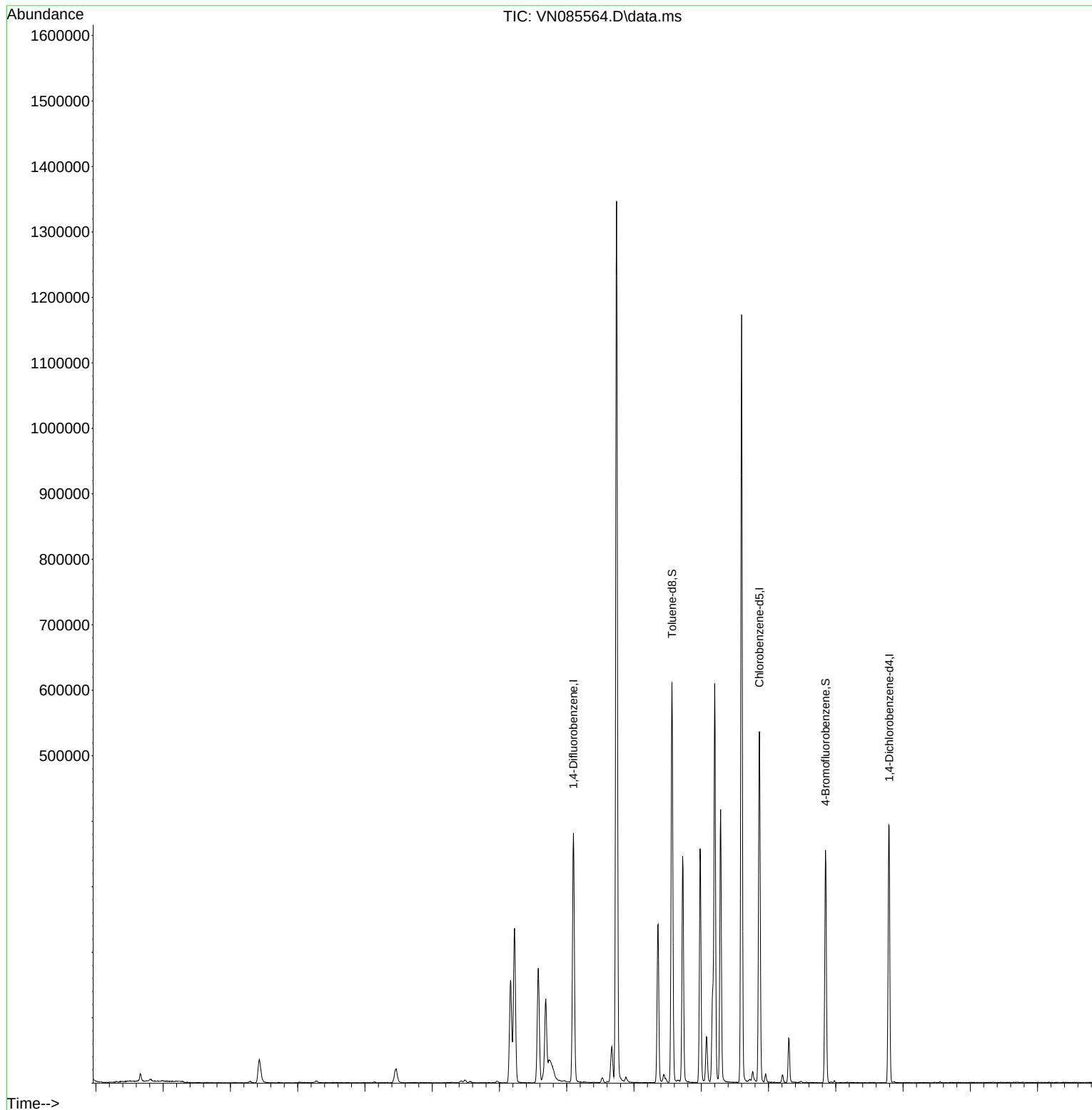
Internal Standards						
1) Pentafluorobenzene	8.224	168	158521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144729	56.560	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.120%	
35) Dibromofluoromethane	8.165	113	109146	51.387	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.780%	
50) Toluene-d8	10.565	98	402826	53.379	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.760%	
62) 4-Bromofluorobenzene	12.847	95	117365	45.464	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.920%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	70655	85.457	ug/l	94
25) 2-Butanone	7.489	43	7050	5.794	ug/l #	87
43) Isopropyl Acetate	8.688	43	148342	30.768	ug/l #	84

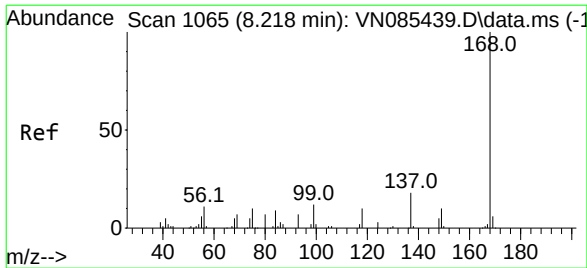
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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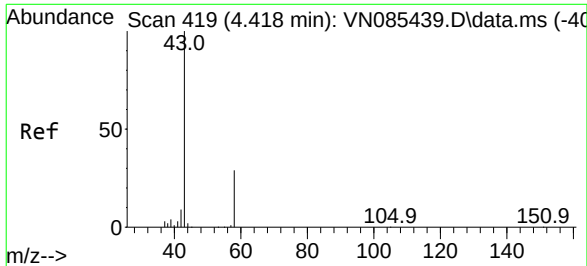
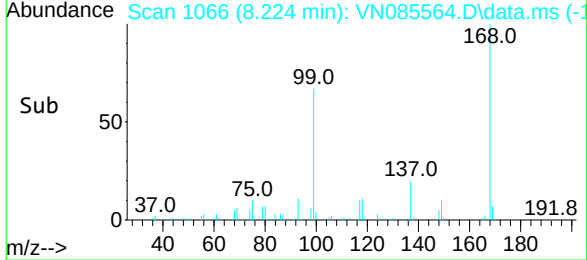
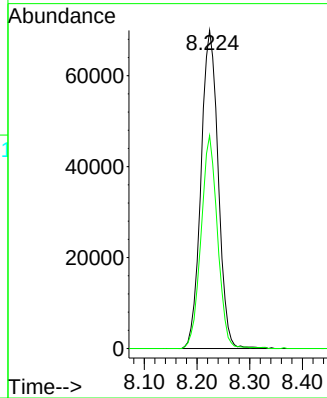
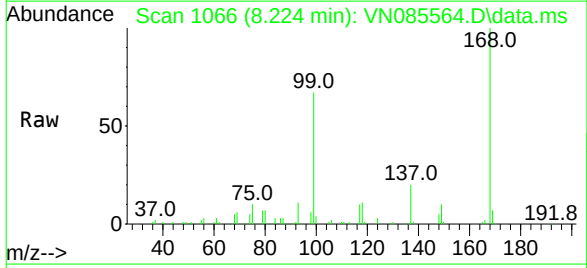




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085564.D
Acq: 29 Jan 2025 17:53

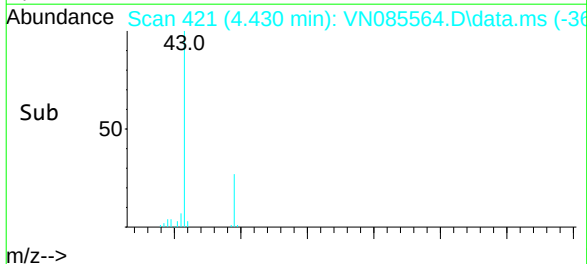
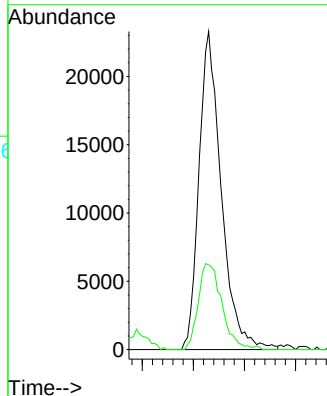
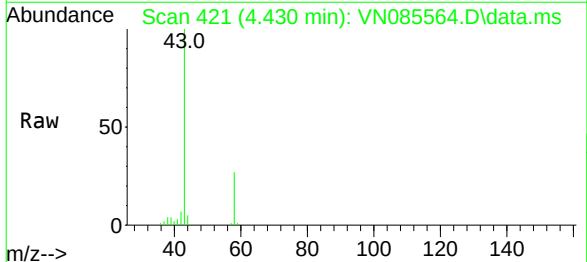
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#01

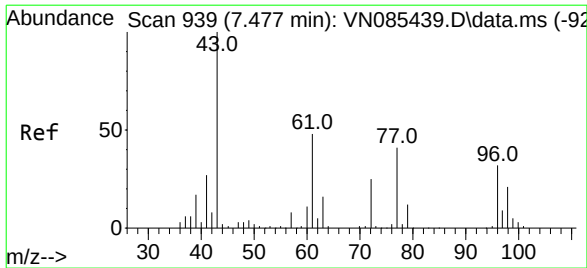
Tgt Ion:168 Resp: 158521
Ion Ratio Lower Upper
168 100
99 66.9 53.6 80.4



#16
Acetone
Concen: 85.457 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085564.D
Acq: 29 Jan 2025 17:53

Tgt Ion: 43 Resp: 70655
Ion Ratio Lower Upper
43 100
58 26.6 23.8 35.6

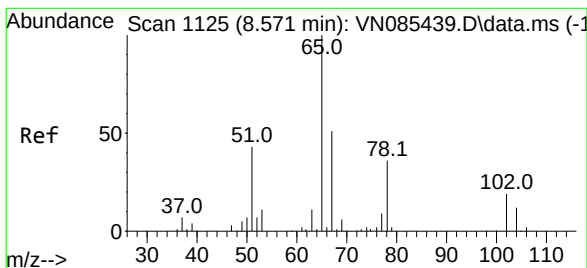
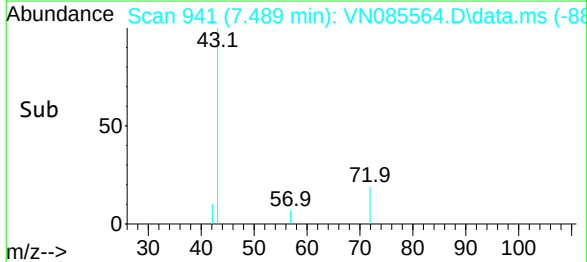
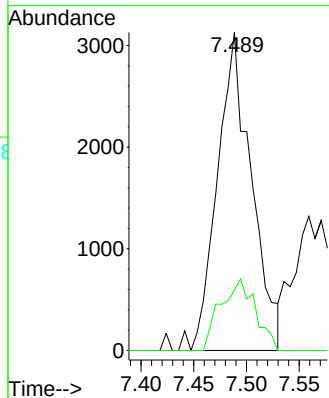
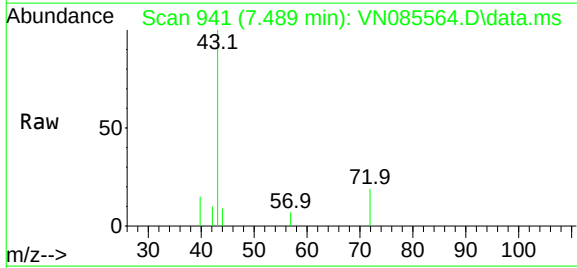




#25
2-Butanone
Concen: 5.794 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085564.D
Acq: 29 Jan 2025 17:53

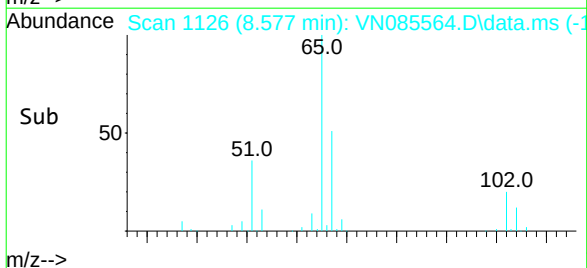
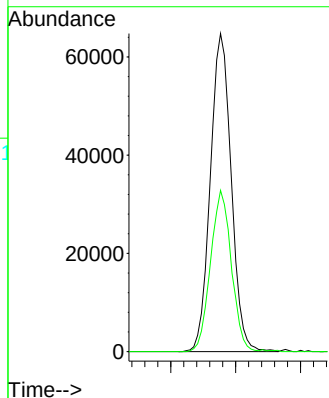
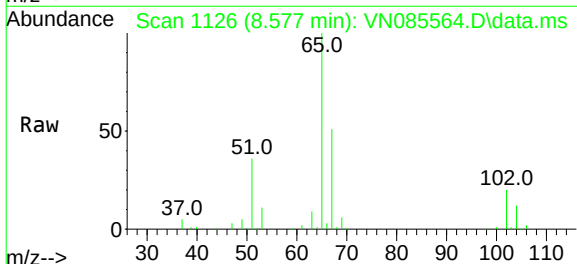
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#01

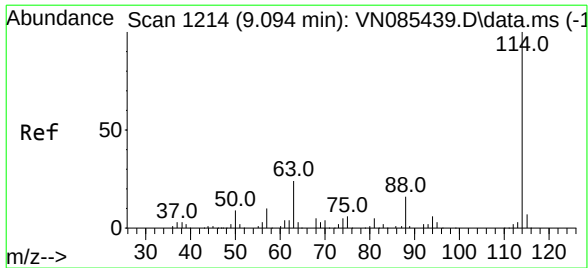
Tgt Ion: 43 Resp: 7050
Ion Ratio Lower Upper
43 100
72 18.9 20.2 30.4#



#33
1,2-Dichloroethane-d4
Concen: 56.560 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085564.D
Acq: 29 Jan 2025 17:53

Tgt Ion: 65 Resp: 144729
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

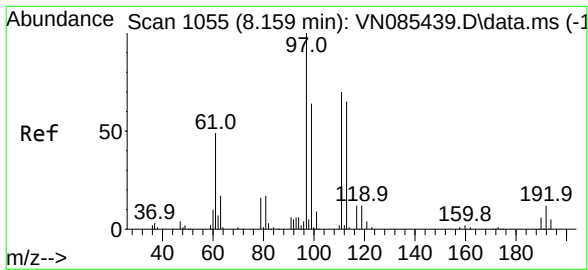
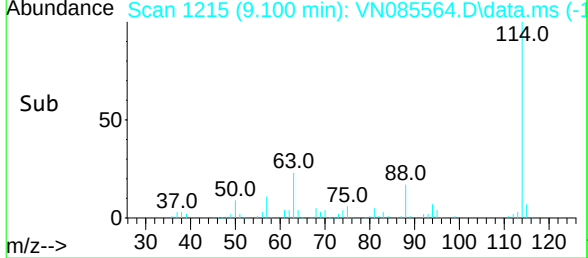
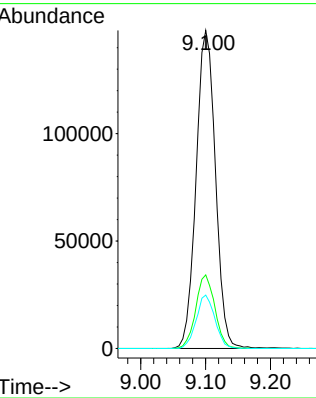
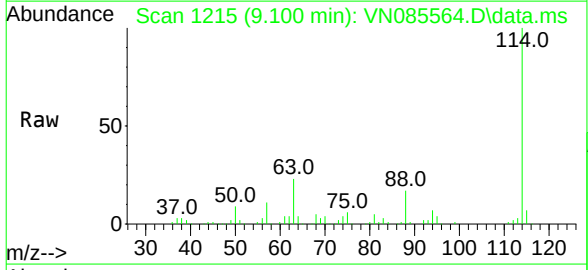




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085564.D
 Acq: 29 Jan 2025 17:53

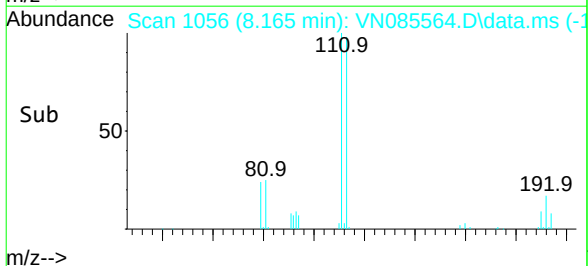
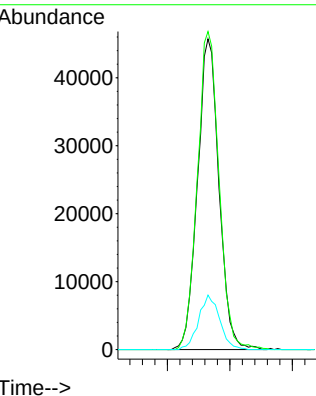
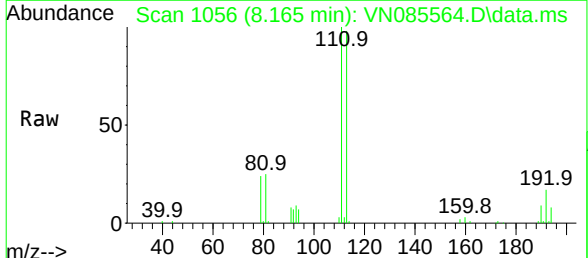
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#01

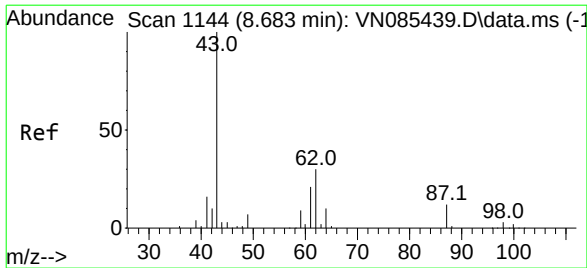
Tgt Ion:	114	Resp:	306163
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.6
88	16.8	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.387 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085564.D
 Acq: 29 Jan 2025 17:53

Tgt Ion:	113	Resp:	109146
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	17.2	14.3	21.5





#43

Isopropyl Acetate

Concen: 30.768 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085564.D

Acq: 29 Jan 2025 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB166319ZHE#01

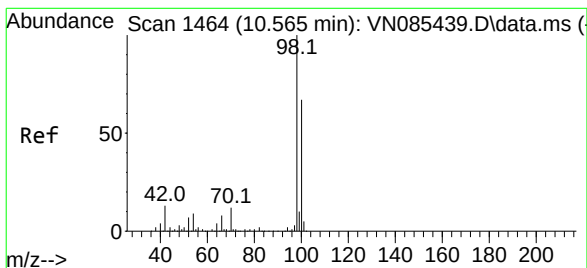
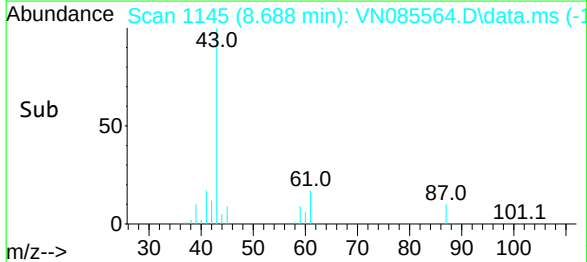
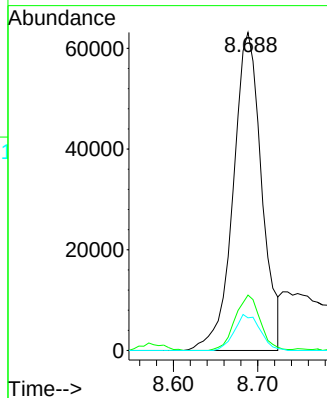
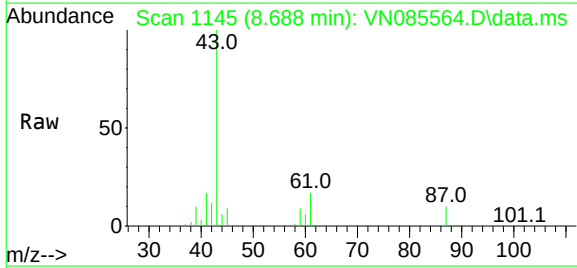
Tgt Ion: 43 Resp: 148342

Ion Ratio Lower Upper

43 100

61 15.4 20.7 31.1#

87 10.2 9.8 14.8



#50

Toluene-d8

Concen: 53.379 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085564.D

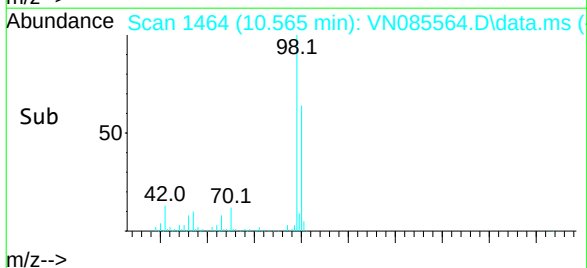
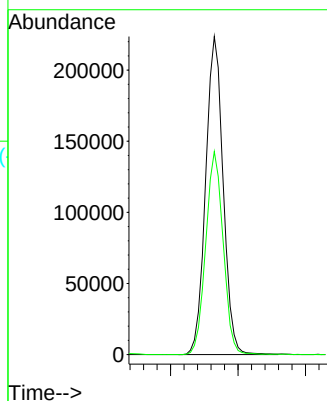
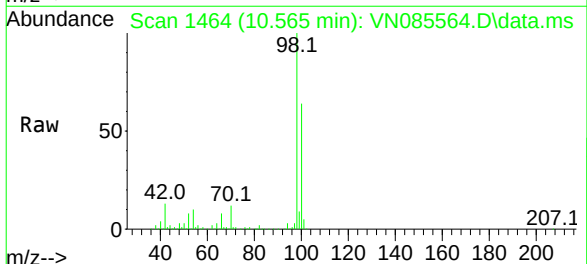
Acq: 29 Jan 2025 17:53

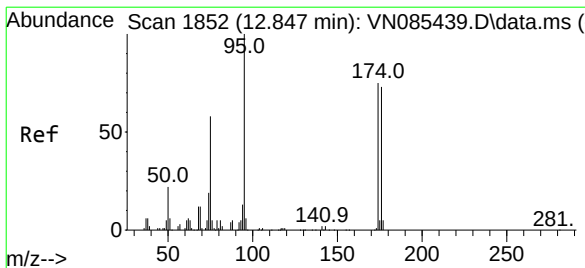
Tgt Ion: 98 Resp: 402826

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 45.464 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085564.D

Acq: 29 Jan 2025 17:53

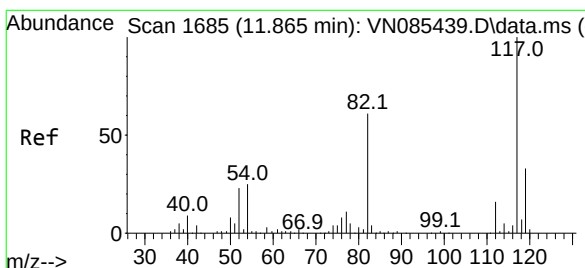
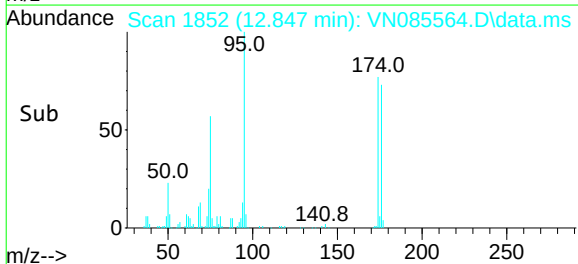
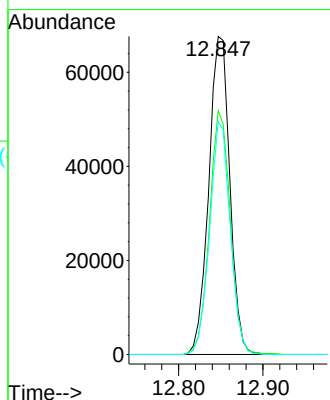
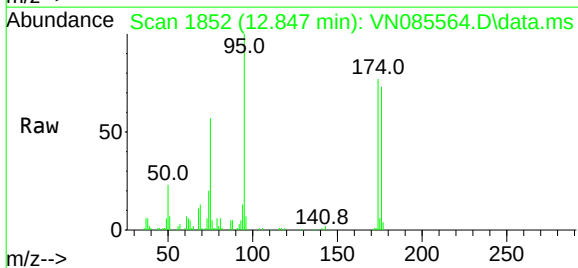
Instrument :

MSVOA_N

ClientSampleId :

PB166319ZHE#01

Tgt Ion:	95	Resp:	117365
Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	145.0
176	71.8	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

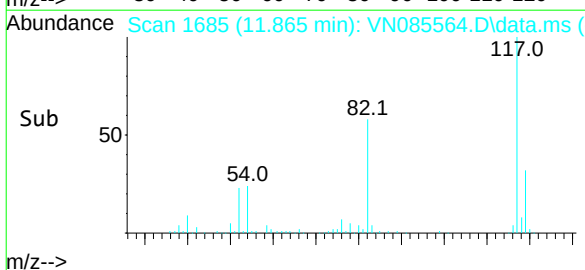
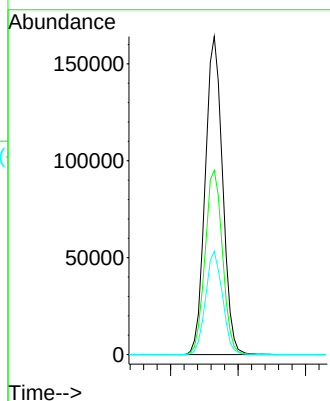
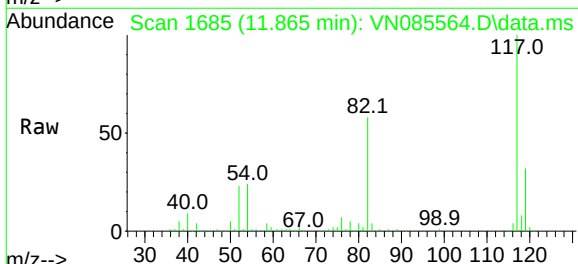
RT: 11.865 min Scan# 1685

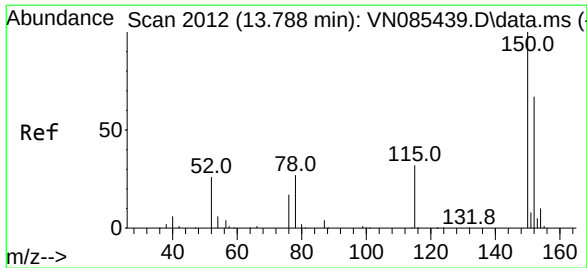
Delta R.T. 0.000 min

Lab File: VN085564.D

Acq: 29 Jan 2025 17:53

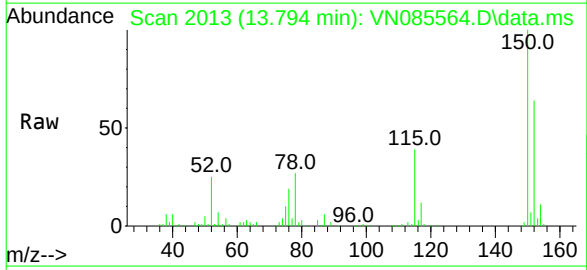
Tgt Ion:	117	Resp:	293524
Ion	Ratio	Lower	Upper
117	100		
82	57.9	48.6	72.8
119	32.5	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085564.D
Acq: 29 Jan 2025 17:53

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#01



Tgt Ion:	152	Resp:	102985
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	157.9	0.0	343.6

