

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085494.D
 Acq On : 17 Jan 2025 15:12
 Operator : JC\MD
 Sample : PB166090ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166090ZHE#05

Quant Time: Jan 17 22:36:39 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)

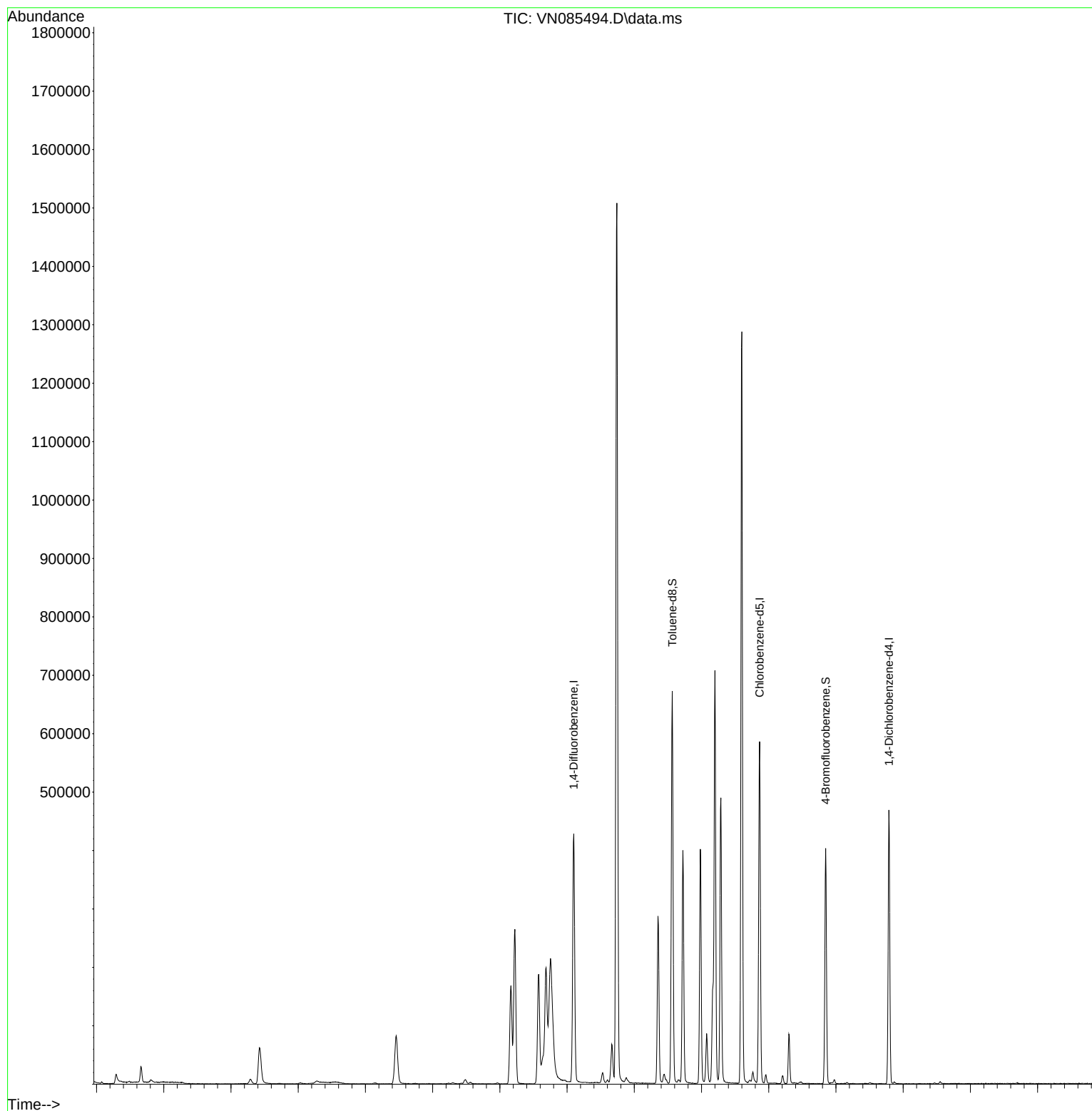
Internal Standards						
1) Pentafluorobenzene	8.224	168	178617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159606	55.356	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	110.720%		
35) Dibromofluoromethane	8.165	113	117406	47.931	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.860%		
50) Toluene-d8	10.565	98	438055	50.334	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.847	95	132123	44.380	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.760%		
Target Compounds						
16) Acetone	4.424	43	123044	132.078	ug/l	100
18) Methyl Acetate	5.036	43	3665	1.294	ug/l #	85
20) Methylene Chloride	5.283	84	2462	1.068	ug/l #	76
25) 2-Butanone	7.488	43	12704	9.267	ug/l	95
43) Isopropyl Acetate	8.688	43	268427	48.277	ug/l #	76

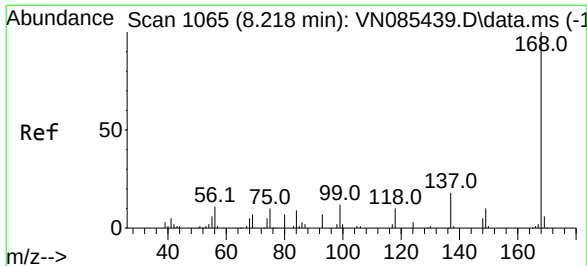
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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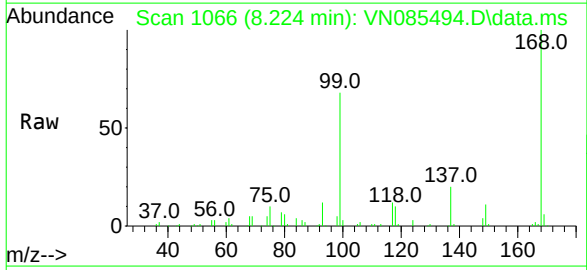
Quant Time: Jan 17 22:36:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
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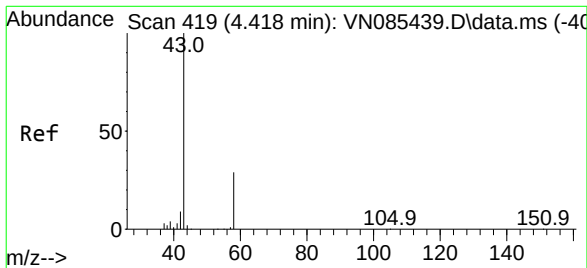
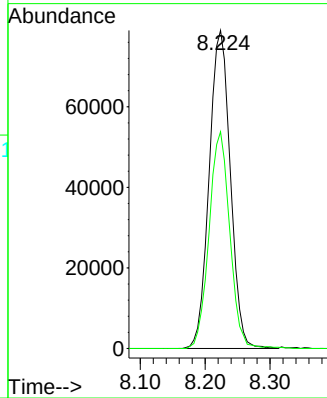
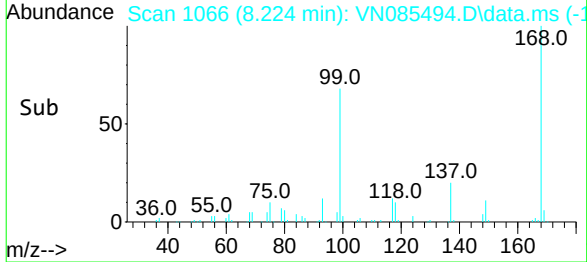


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085494.D
Acq: 17 Jan 2025 15:12

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#05

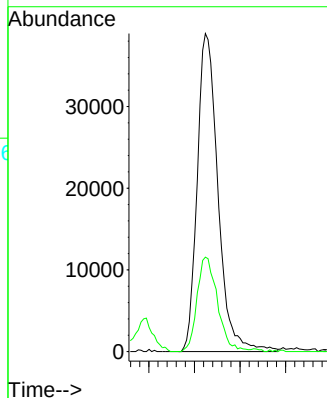
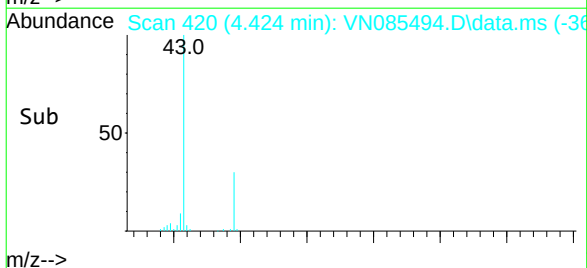
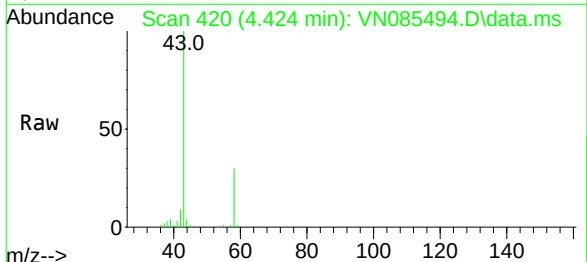


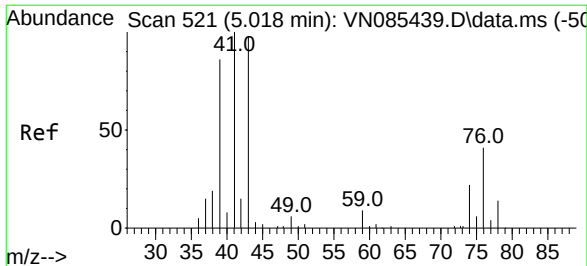
Tgt Ion:168 Resp: 178617
Ion Ratio Lower Upper
168 100
99 68.1 53.6 80.4



#16
Acetone
Concen: 132.078 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085494.D
Acq: 17 Jan 2025 15:12

Tgt Ion: 43 Resp: 123044
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6





#18

Methyl Acetate

Concen: 1.294 ug/l

RT: 5.036 min Scan# 521

Delta R.T. 0.018 min

Lab File: VN085494.D

Acq: 17 Jan 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

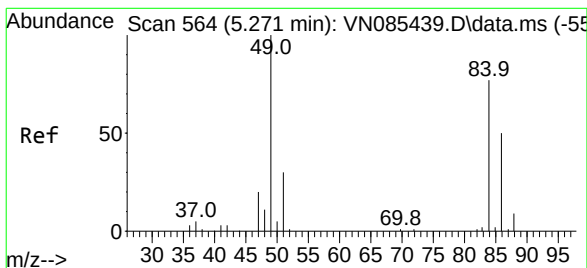
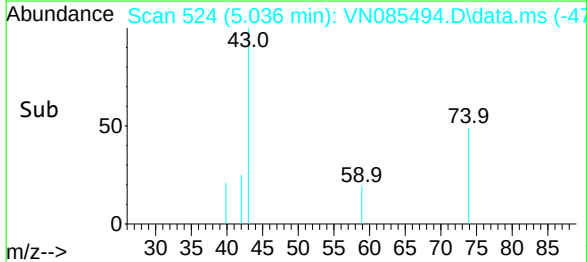
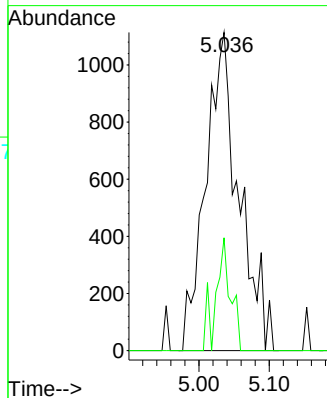
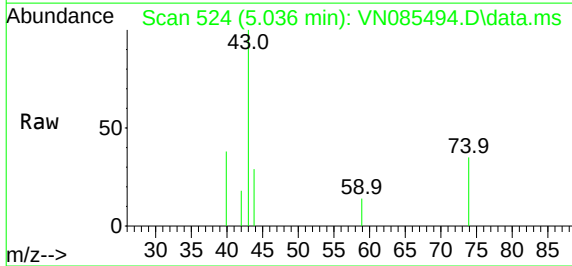
PB166090ZHE#05

Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

43 100

74 15.8 18.6 28.0#



#20

Methylene Chloride

Concen: 1.068 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.012 min

Lab File: VN085494.D

Acq: 17 Jan 2025 15:12

Tgt Ion: 84 Resp: 2462

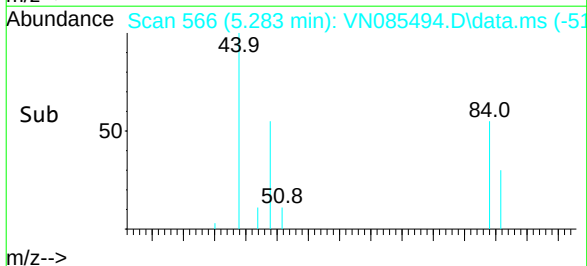
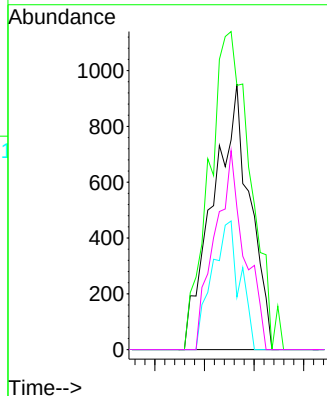
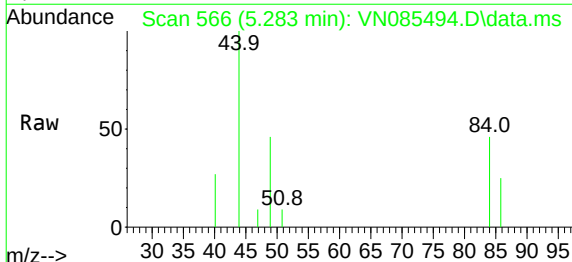
Ion Ratio Lower Upper

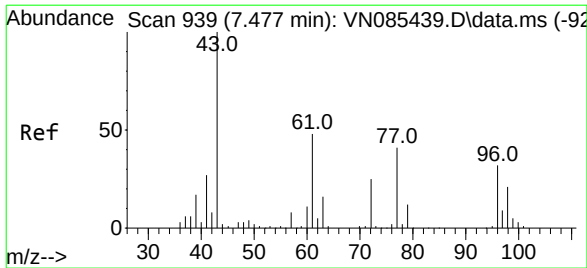
84 100

49 99.5 104.1 156.1#

51 19.7 31.0 46.4#

86 53.5 51.9 77.9

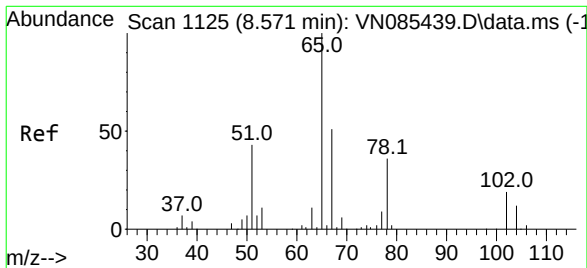
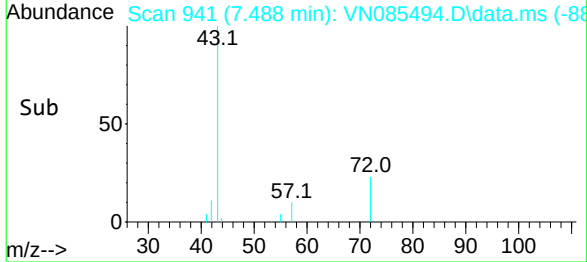
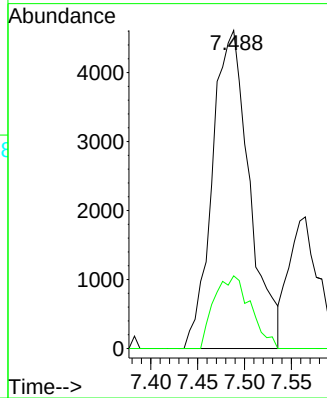
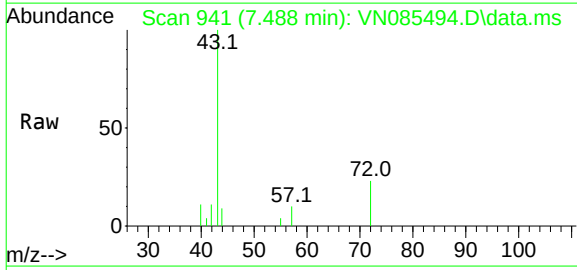




#25
2-Butanone
Concen: 9.267 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085494.D
Acq: 17 Jan 2025 15:12

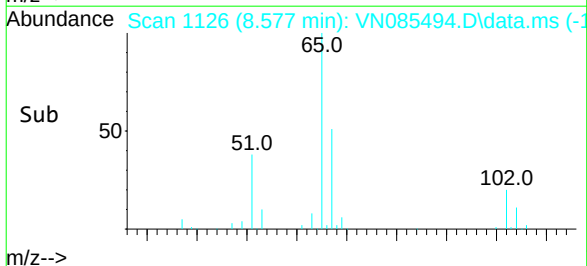
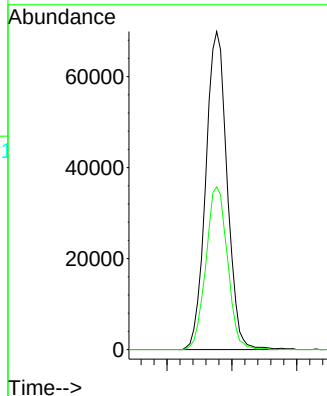
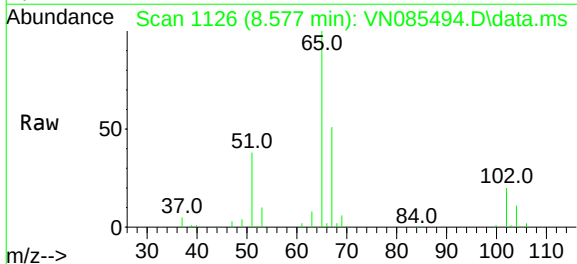
Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#05

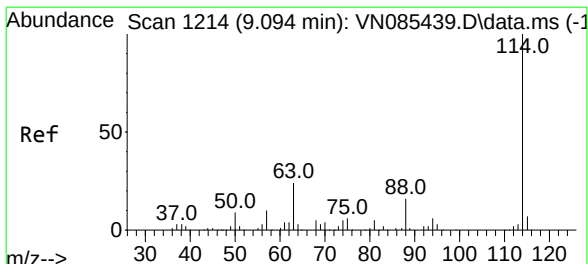
Tgt Ion: 43 Resp: 12704
Ion Ratio Lower Upper
43 100
72 22.8 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 55.356 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085494.D
Acq: 17 Jan 2025 15:12

Tgt Ion: 65 Resp: 159606
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.6

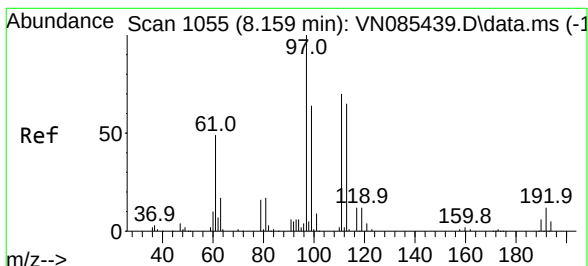
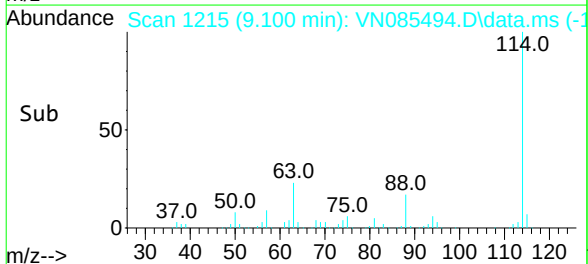
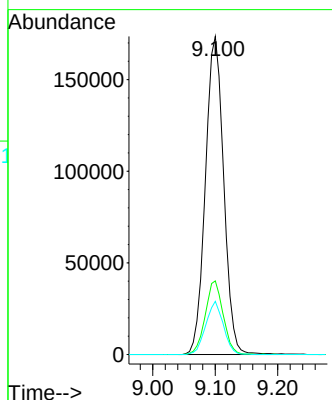
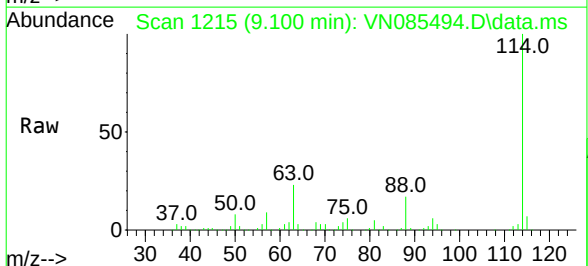




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VN085494.D
 Acq: 17 Jan 2025 15:12

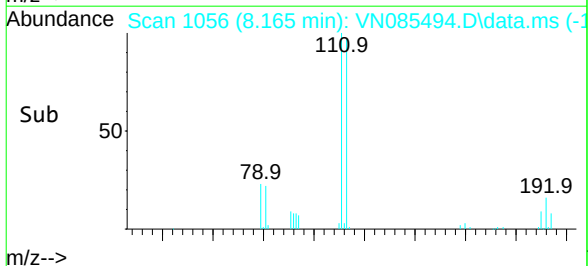
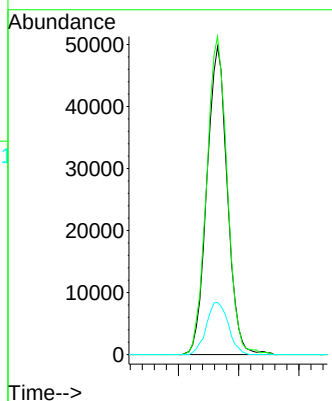
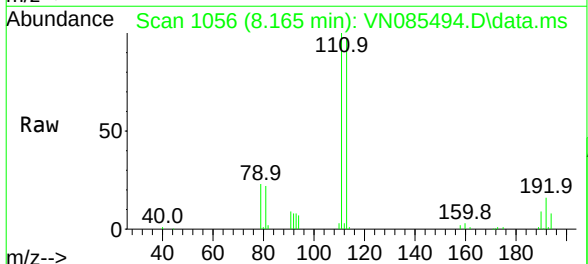
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166090ZHE#05

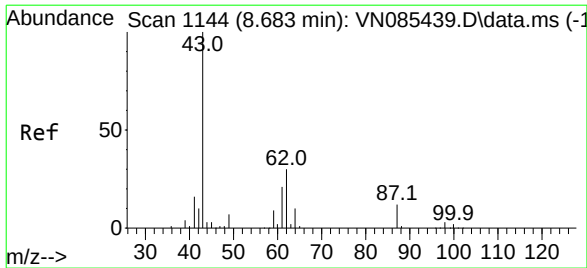
Tgt Ion:	114	Resp:	353077
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.6
88	16.7	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 47.931 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085494.D
 Acq: 17 Jan 2025 15:12

Tgt Ion:	113	Resp:	117406
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	18.1	14.3	21.5





#43

Isopropyl Acetate

Concen: 48.277 ug/l

RT: 8.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085494.D

Acq: 17 Jan 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB166090ZHE#05

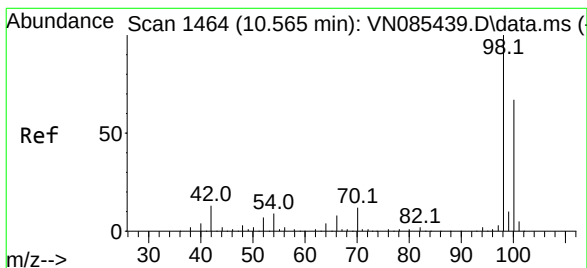
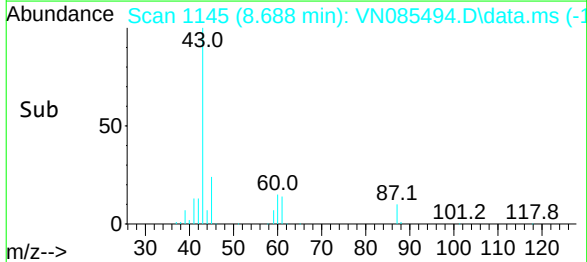
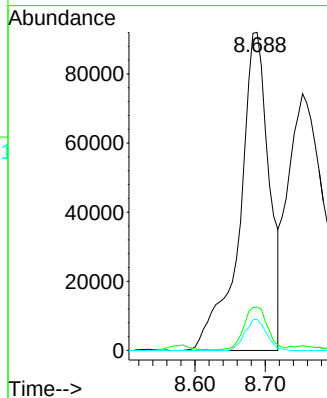
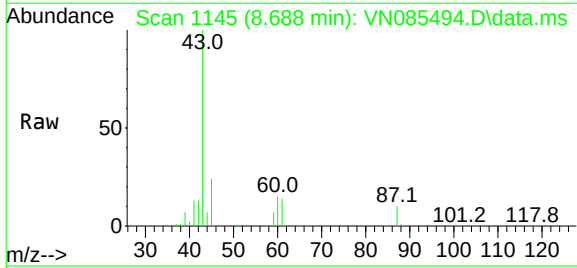
Tgt Ion: 43 Resp: 268427

Ion Ratio Lower Upper

43 100

61 11.2 20.7 31.1#

87 7.1 9.8 14.8#



#50

Toluene-d8

Concen: 50.334 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085494.D

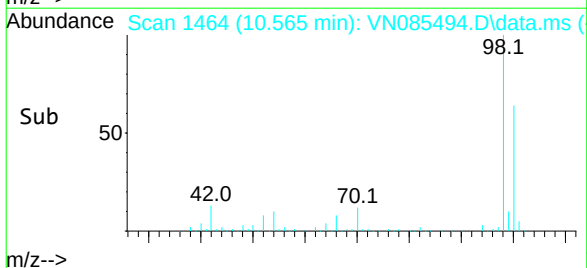
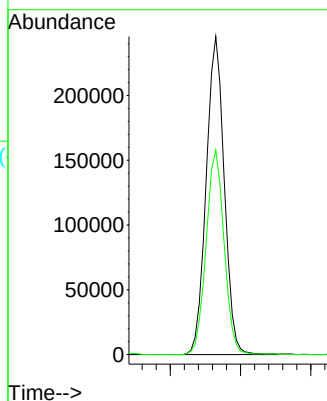
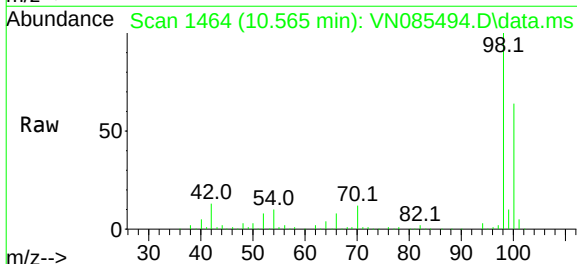
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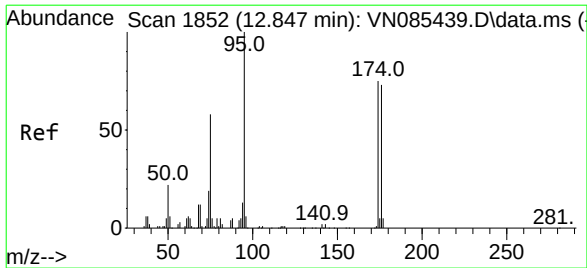
Tgt Ion: 98 Resp: 438055

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4

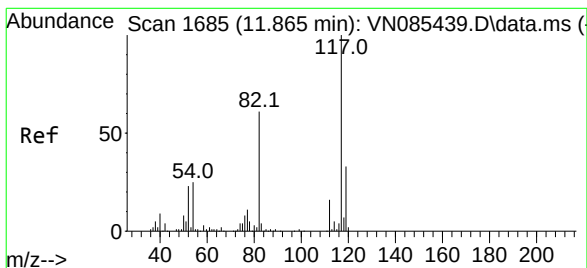
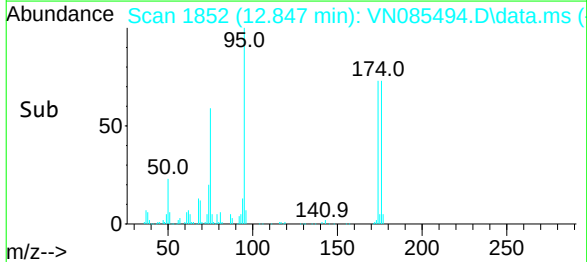
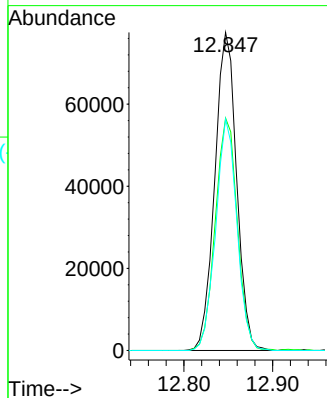
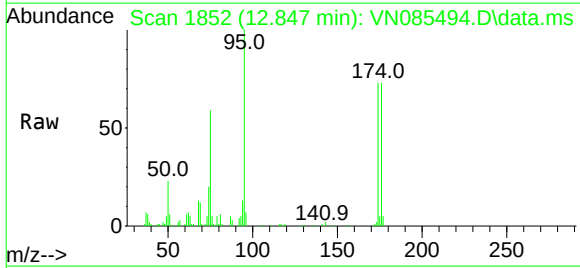




#62
4-Bromofluorobenzene
Concen: 44.380 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085494.D
Acq: 17 Jan 2025 15:12

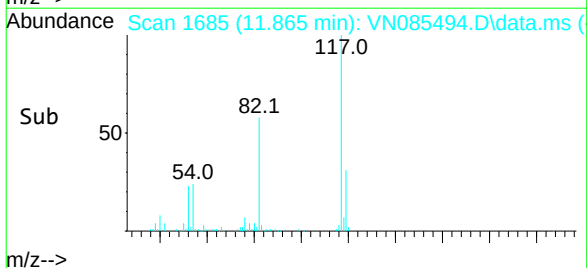
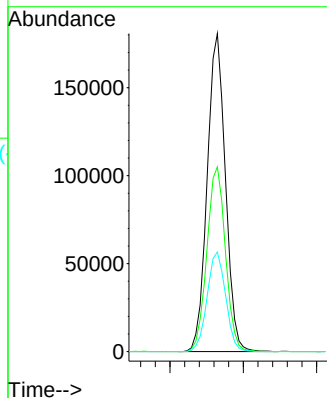
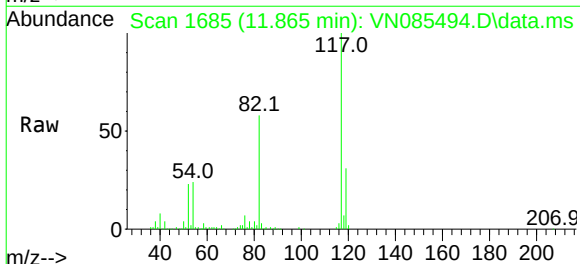
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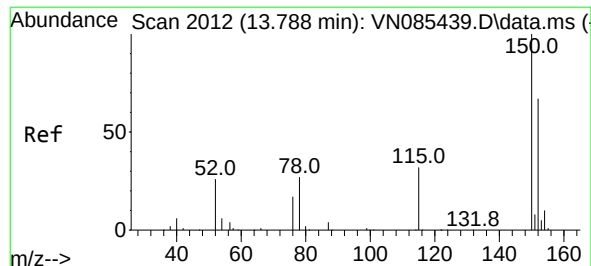
Tgt Ion: 95 Resp: 132123
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.0
176 70.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085494.D
Acq: 17 Jan 2025 15:12

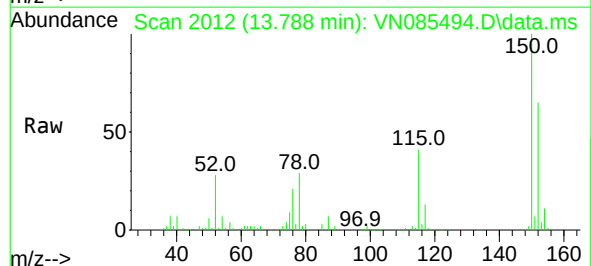
Tgt Ion: 117 Resp: 312002
Ion Ratio Lower Upper
117 100
82 58.1 48.6 72.8
119 31.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085494.D
 Acq: 17 Jan 2025 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166090ZHE#05



Tgt Ion:152 Resp: 118223
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.1 93.3
 150 156.9 0.0 343.6

