

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085147.D
 Acq On : 09 Dec 2024 12:57
 Operator : JC\MD
 Sample : P5136-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Dec 10 05:00:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

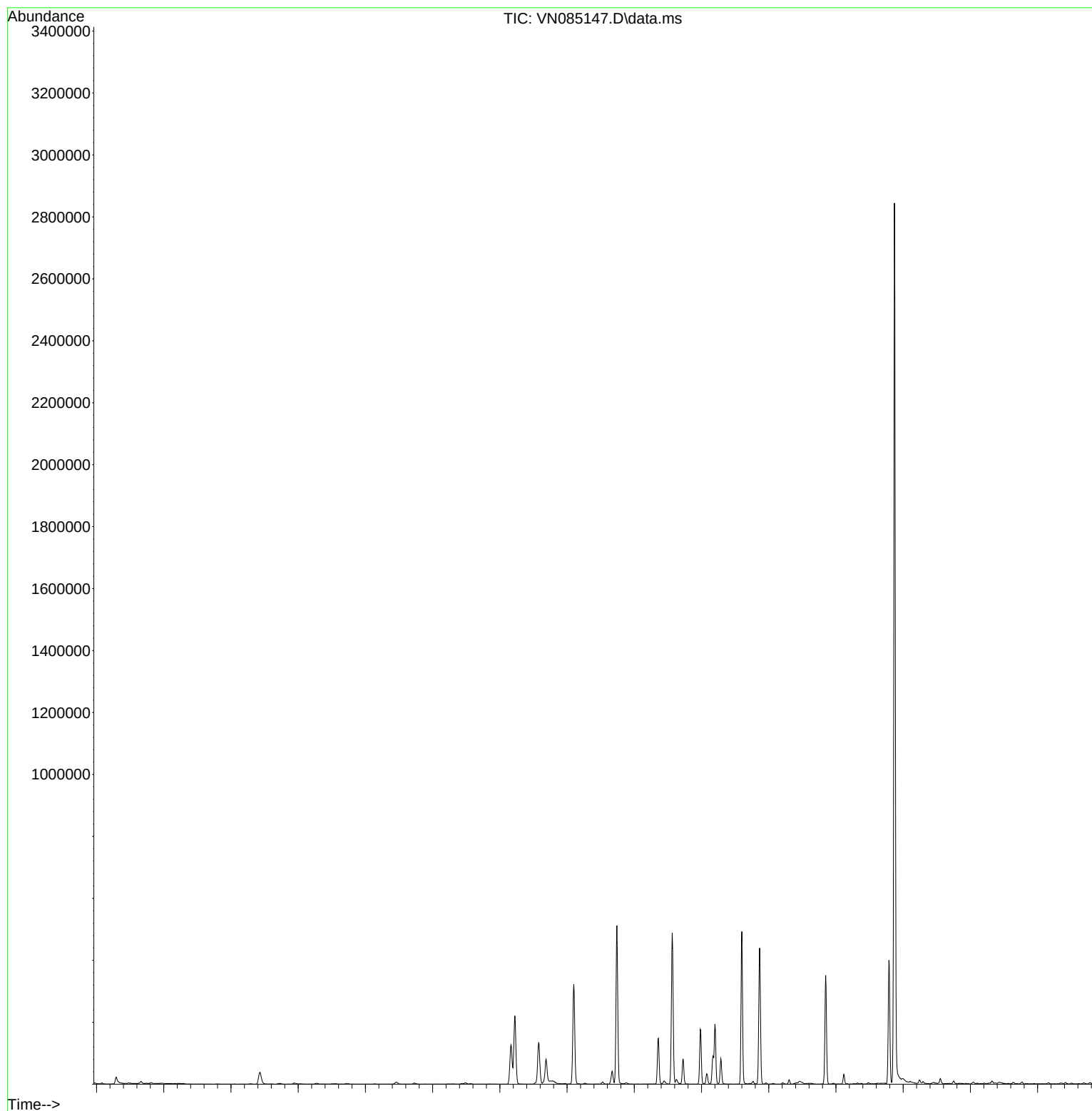
Internal Standards						
1) Pentafluorobenzene	8.224	168	155039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111316	50.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	8.165	113	92326	49.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.940%			
50) Toluene-d8	10.565	98	333751	49.899	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.847	95	119874	47.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.860%			
Target Compounds						
16) Acetone	4.430	43	74049	115.130	ug/l	97
20) Methylene Chloride	5.271	84	1979	1.008	ug/l #	93
25) 2-Butanone	7.483	43	7582	7.210	ug/l #	81
43) Isopropyl Acetate	8.688	43	94449	19.785	ug/l #	88
52) Toluene	10.629	92	6143	1.298	ug/l	93

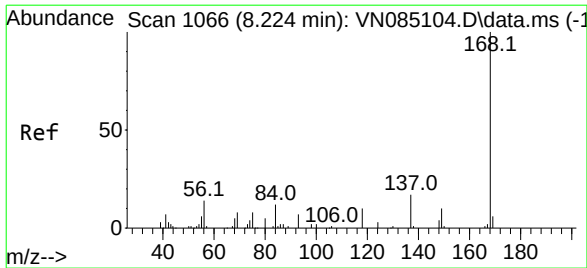
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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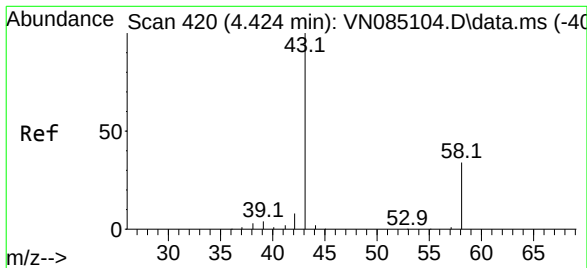
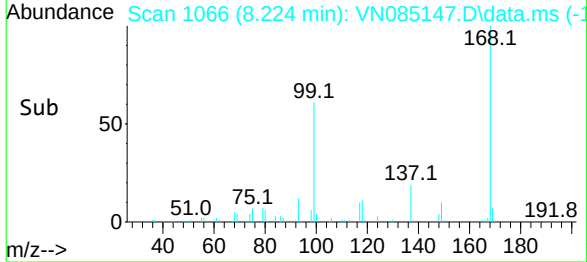
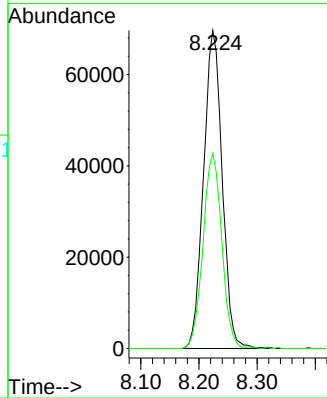
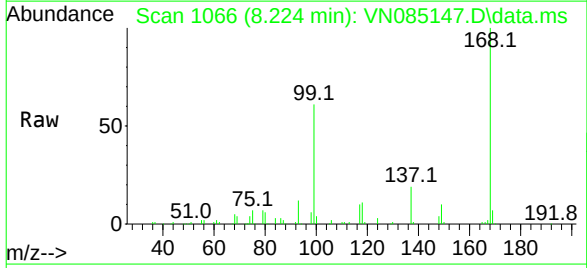




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085147.D
Acq: 09 Dec 2024 12:57

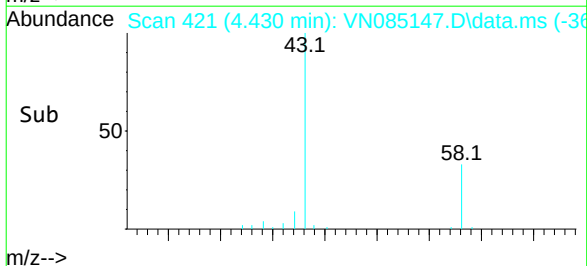
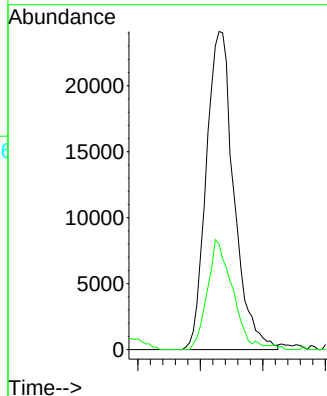
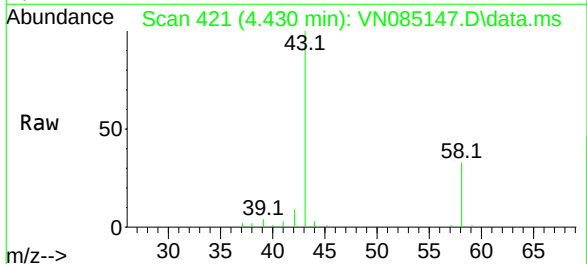
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

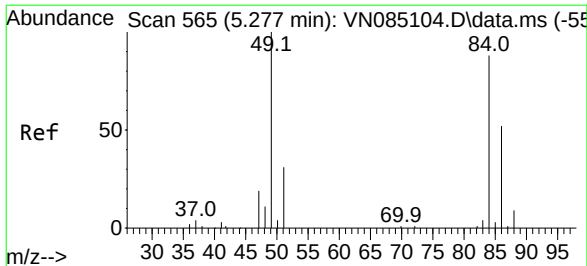
Tgt Ion:168 Resp: 155039
Ion Ratio Lower Upper
168 100
99 61.2 51.2 76.8



#16
Acetone
Concen: 115.130 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085147.D
Acq: 09 Dec 2024 12:57

Tgt Ion: 43 Resp: 74049
Ion Ratio Lower Upper
43 100
58 33.2 25.4 38.2





#20

Methylene Chloride

Concen: 1.008 ug/l

RT: 5.271 min Scan# 56

Delta R.T. 0.006 min

Lab File: VN085147.D

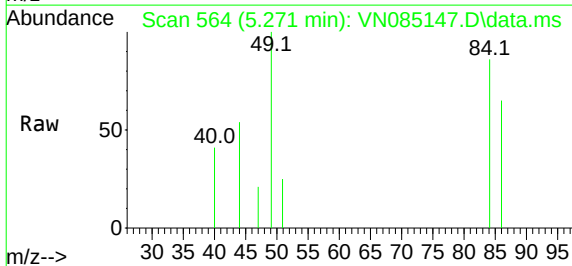
Acq: 09 Dec 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

COMP-1



Tgt Ion: 84 Resp: 1979

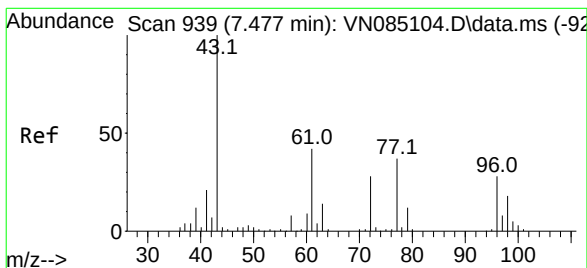
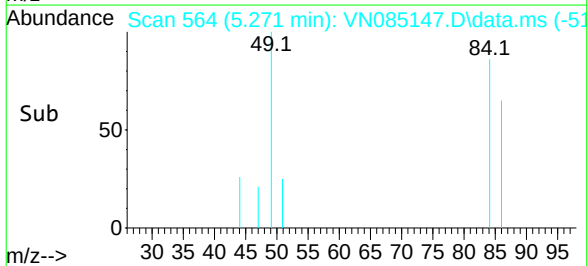
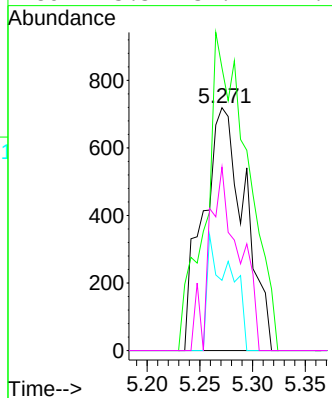
Ion Ratio Lower Upper

84 100

49 116.4 92.7 139.1

51 28.9 29.4 44.2#

86 75.5 51.9 77.9



#25

2-Butanone

Concen: 7.210 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085147.D

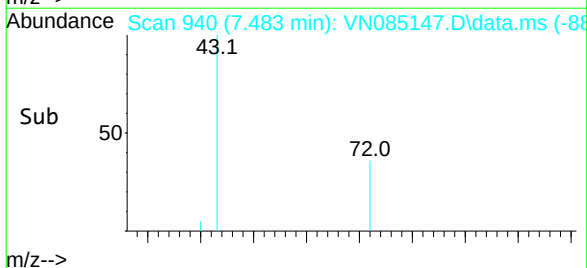
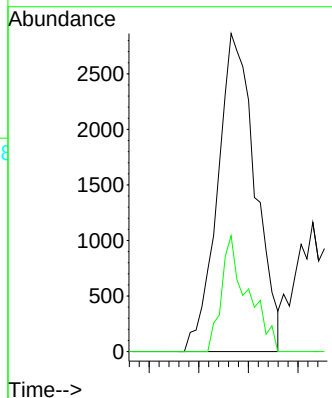
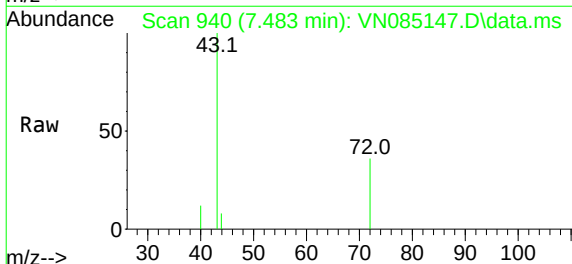
Acq: 09 Dec 2024 12:57

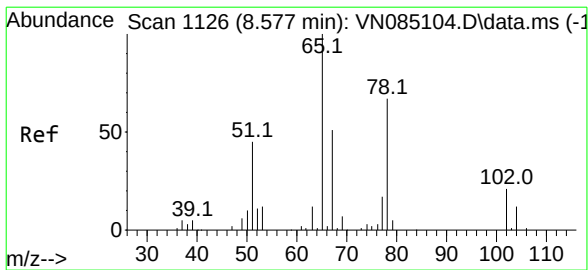
Tgt Ion: 43 Resp: 7582

Ion Ratio Lower Upper

43 100

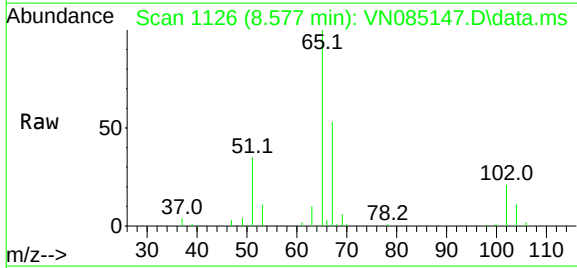
72 36.4 21.4 32.0#



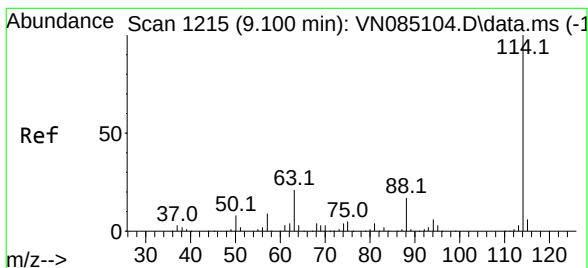
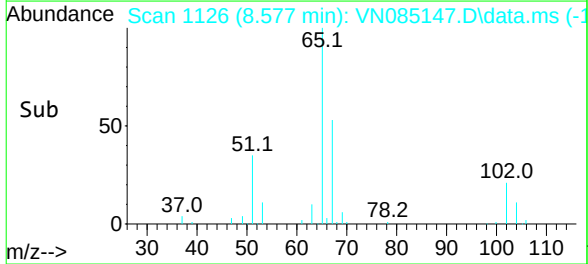
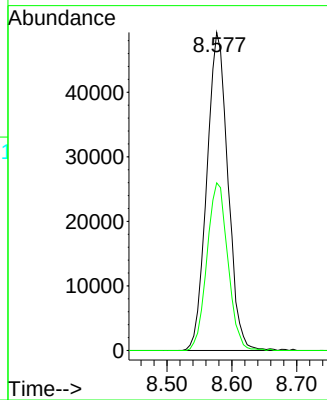


#33
1,2-Dichloroethane-d4
Concen: 50.405 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085147.D
Acq: 09 Dec 2024 12:57

Instrument :
MSVOA_N
ClientSampleId :
COMP-1

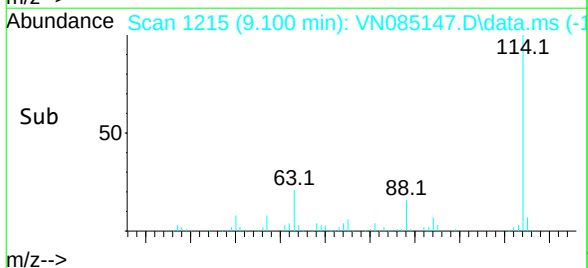
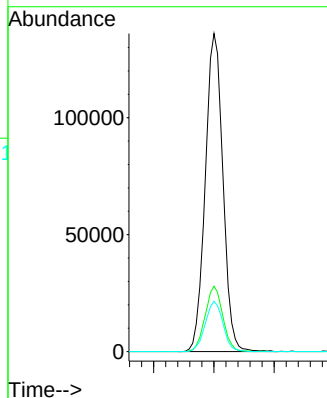
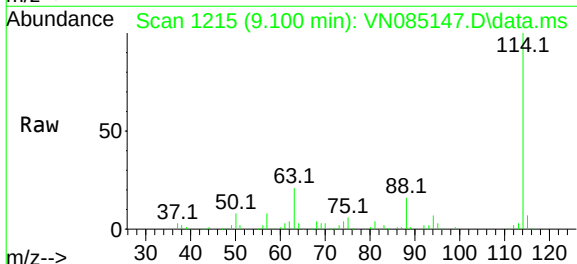


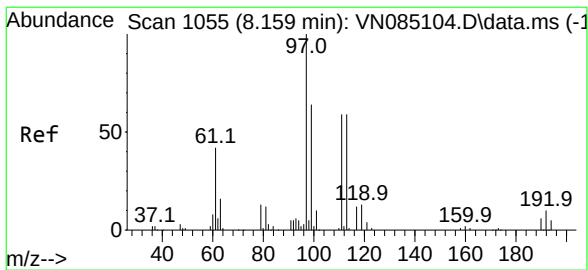
Tgt Ion: 65 Resp: 111316
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085147.D
Acq: 09 Dec 2024 12:57

Tgt Ion: 114 Resp: 276754
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.469 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085147.D

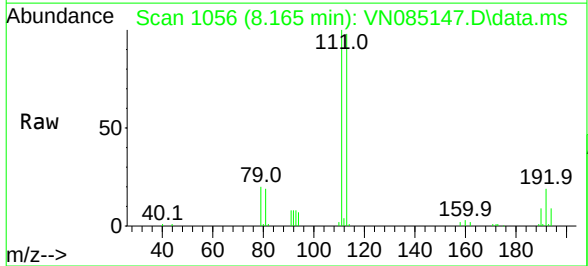
Acq: 09 Dec 2024 12:57

Instrument :

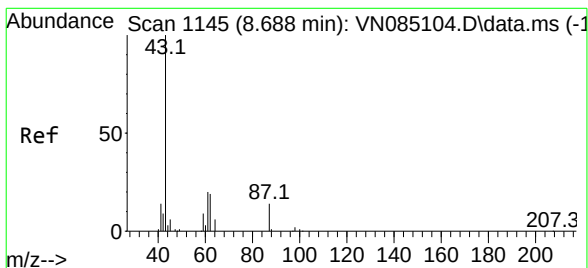
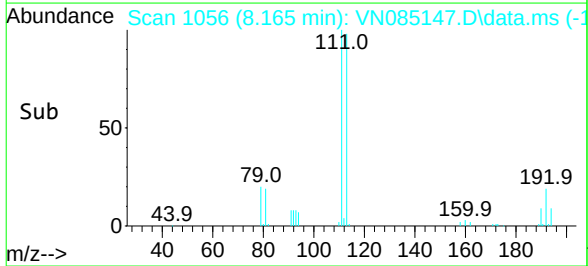
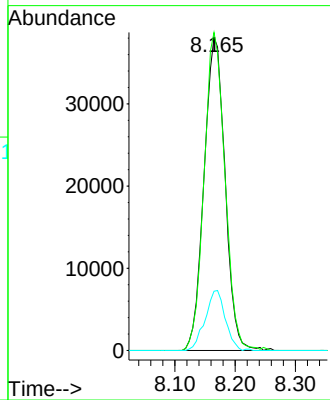
MSVOA_N

ClientSampleId :

COMP-1



Tgt Ion:	113	Resp:	92326
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	18.4	14.8	22.2



#43

Isopropyl Acetate

Concen: 19.785 ug/l

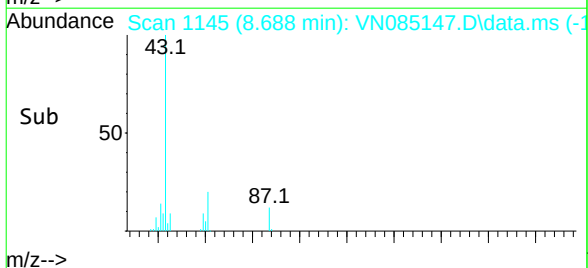
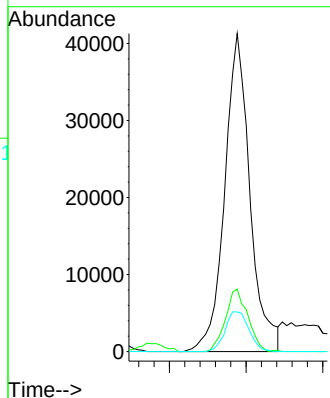
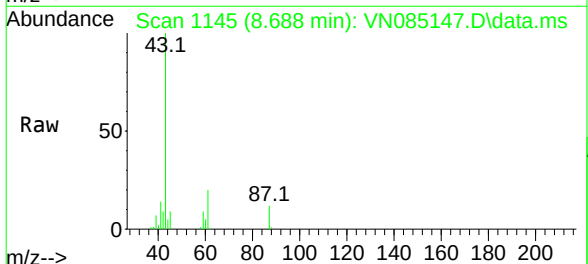
RT: 8.688 min Scan# 1145

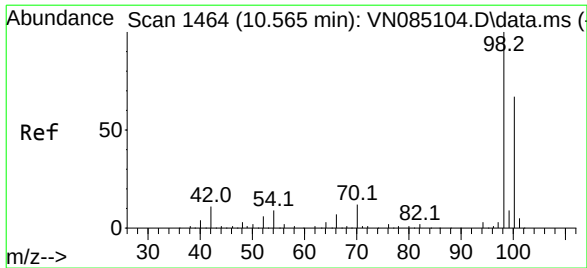
Delta R.T. 0.006 min

Lab File: VN085147.D

Acq: 09 Dec 2024 12:57

Tgt Ion:	43	Resp:	94449
Ion	Ratio	Lower	Upper
43	100		
61	17.4	20.6	30.8
87	11.8	11.0	16.4





#50

Toluene-d8

Concen: 49.899 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085147.D

Acq: 09 Dec 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

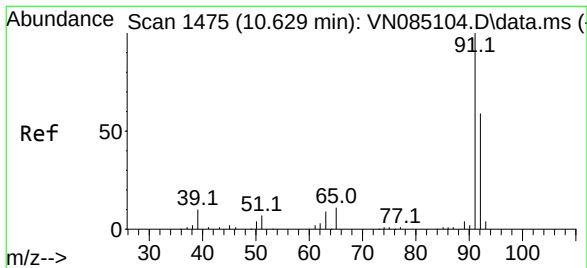
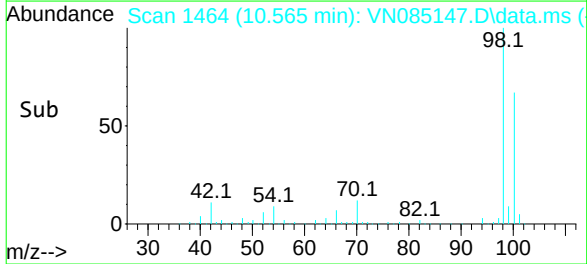
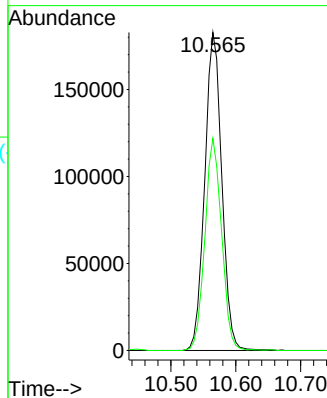
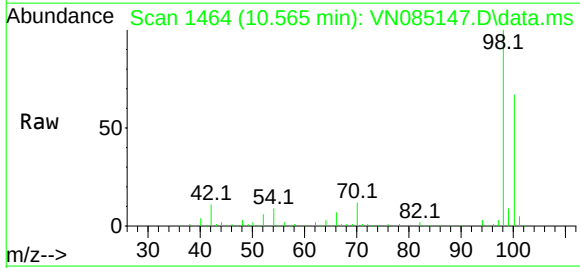
COMP-1

Tgt Ion: 98 Resp: 333751

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#52

Toluene

Concen: 1.298 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085147.D

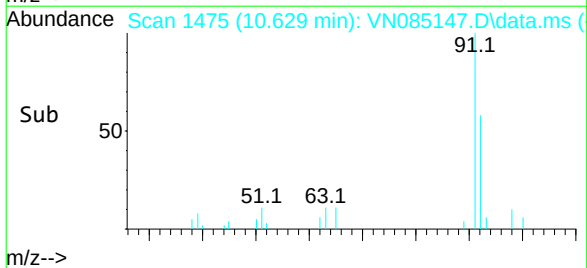
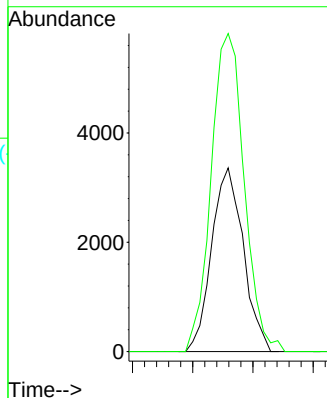
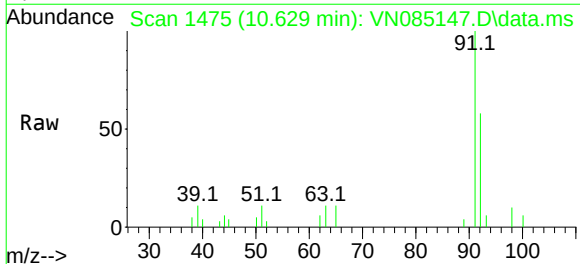
Acq: 09 Dec 2024 12:57

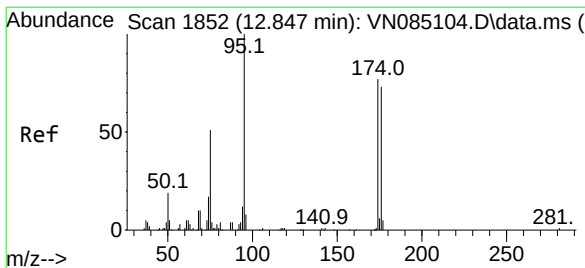
Tgt Ion: 92 Resp: 6143

Ion Ratio Lower Upper

92 100

91 180.5 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 47.925 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085147.D

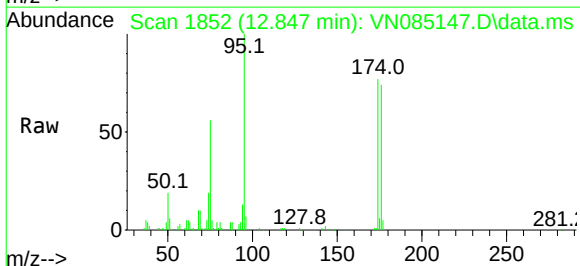
Acq: 09 Dec 2024 12:57

Instrument :

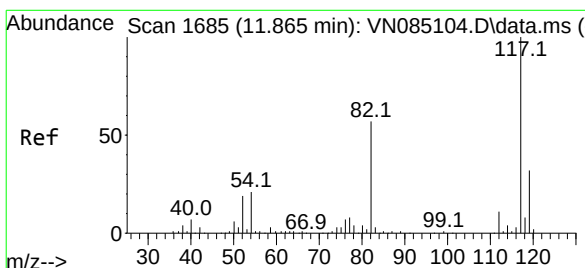
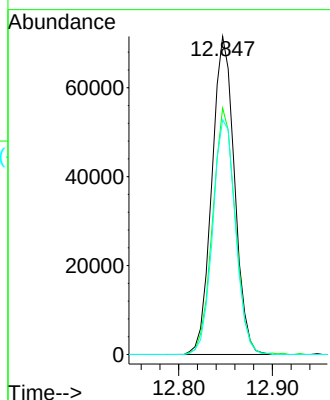
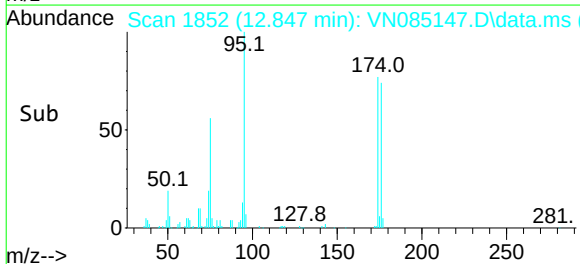
MSVOA_N

ClientSampleId :

COMP-1



Tgt Ion:	95	Resp:	119874
Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	146.6
176	74.5	0.0	141.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

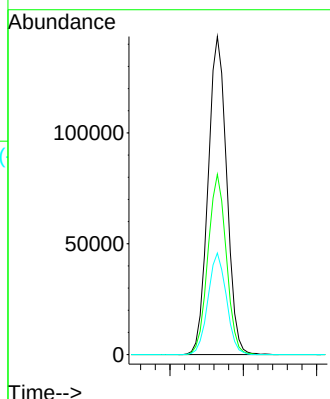
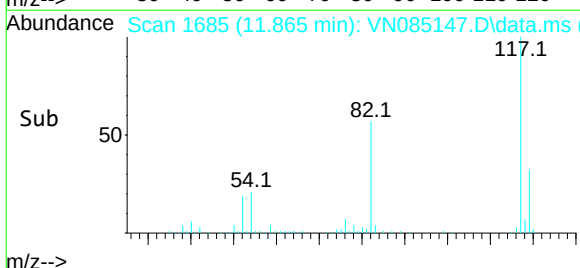
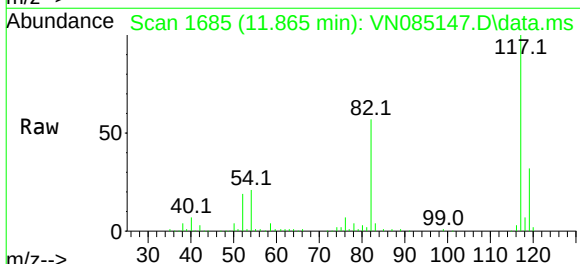
RT: 11.865 min Scan# 1685

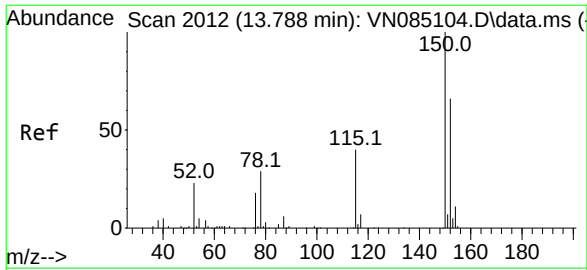
Delta R.T. 0.006 min

Lab File: VN085147.D

Acq: 09 Dec 2024 12:57

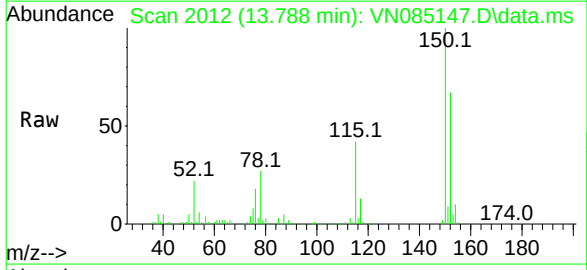
Tgt Ion:	117	Resp:	253013
Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.0	69.0
119	31.9	25.6	38.4





1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085147.D
 Acq: 09 Dec 2024 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1



Tgt Ion:	152	Resp:	108724
Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.7	95.1
150	156.5	0.0	351.4

