

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082871.D
 Acq On : 11 Jul 2024 13:06
 Operator : JC\MD
 Sample : P3184-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP(00187-00189-00186)

Quant Time: Jul 12 01:05:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

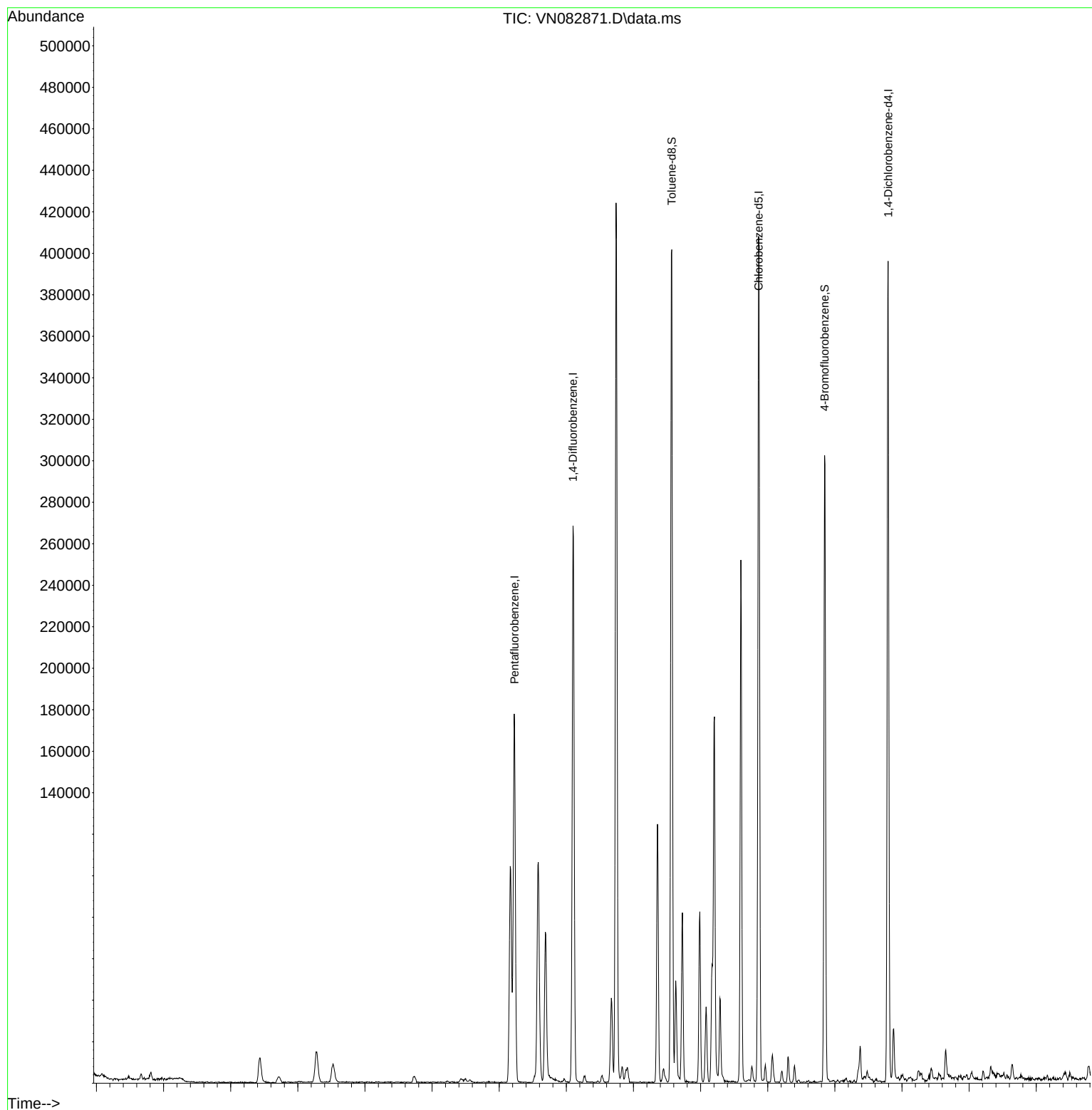
Internal Standards						
1) Pentafluorobenzene	8.230	168	123118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	229424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	90047	52.175	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	8.165	113	73740	50.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	10.571	98	278526	51.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.847	95	102891	52.679	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.360%			
Target Compounds						
11) Tert butyl alcohol	5.530	59	16510	56.876	ug/l	95
16) Acetone	4.436	43	23697	38.999	ug/l	99
17) Carbon Disulfide	4.712	76	4778	1.272	ug/l #	90
20) Methylene Chloride	5.283	84	12246	8.345	ug/l #	85
40) Benzene	8.606	78	6690	1.072	ug/l	98
43) Isopropyl Acetate	8.694	43	84162	19.808	ug/l #	92
52) Toluene	10.629	92	20610	5.284	ug/l	97
95) Naphthalene	15.641	128	7023	1.113	ug/l #	94

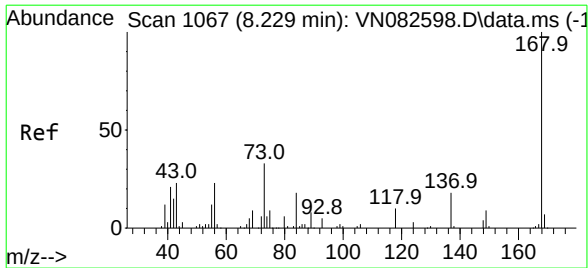
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMP(00187-00189-00186)

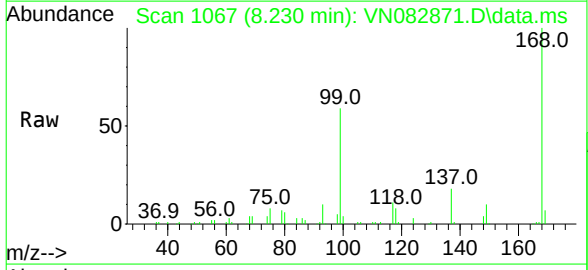
Quant Time: Jul 12 01:05:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



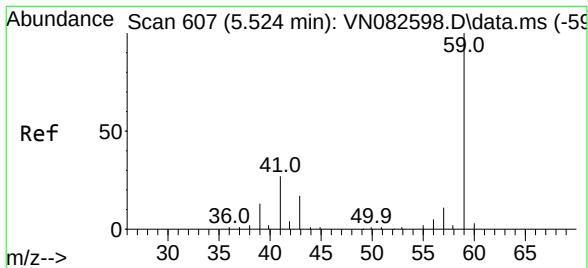
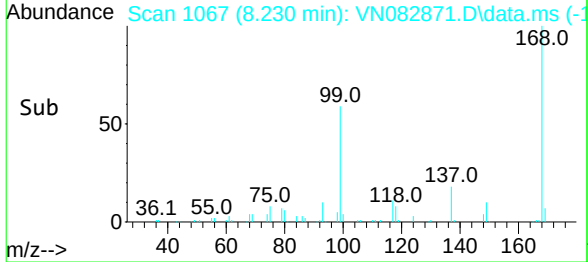
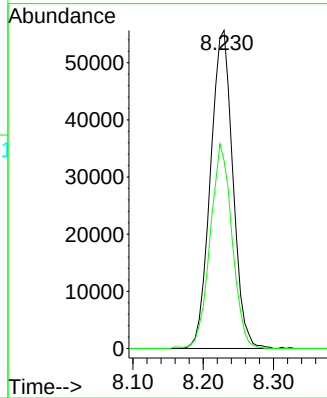


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
COMP(00187-00189-00186)

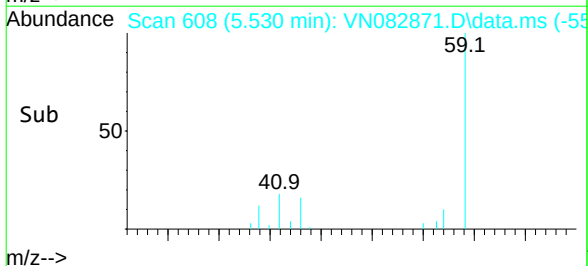
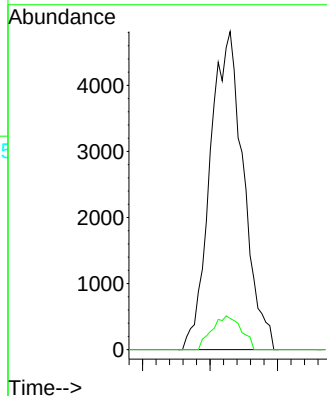
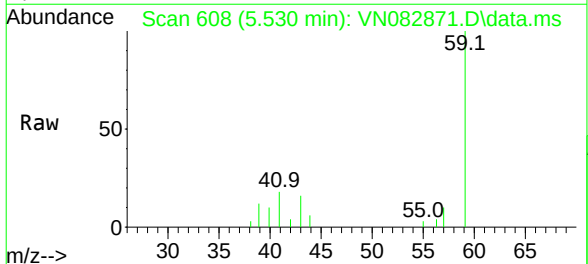


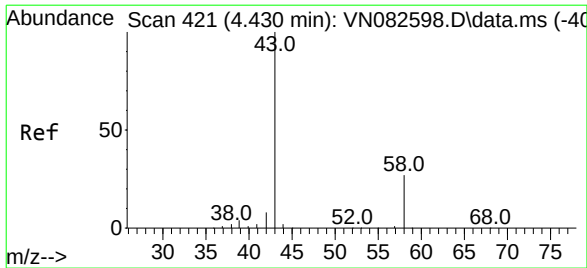
Tgt Ion:168 Resp: 123118
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#11
Tert butyl alcohol
Concen: 56.876 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

Tgt Ion: 59 Resp: 16510
Ion Ratio Lower Upper
59 100
57 9.3 8.9 13.3

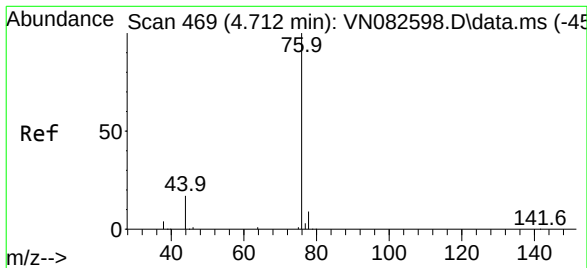
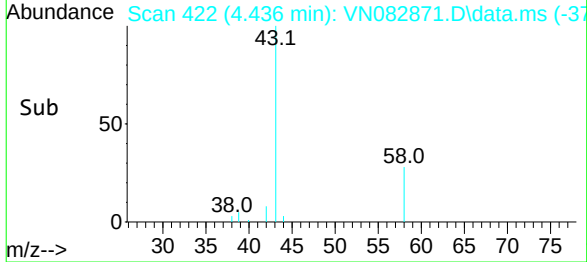
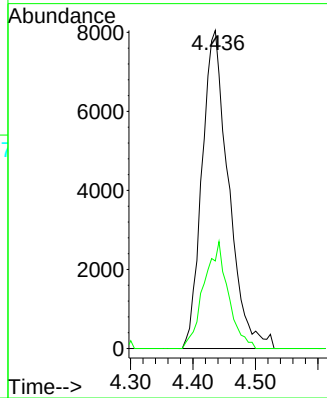
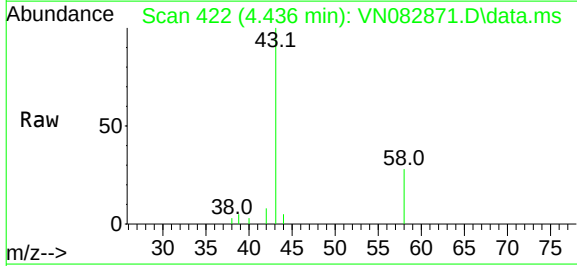




#16
Acetone
Concen: 38.999 ug/l
RT: 4.436 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

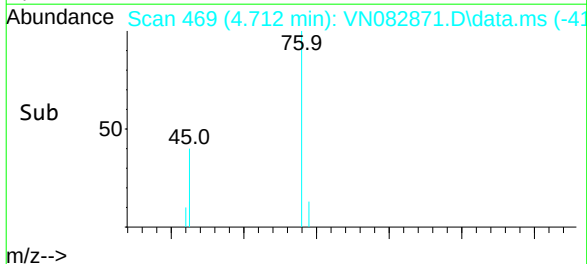
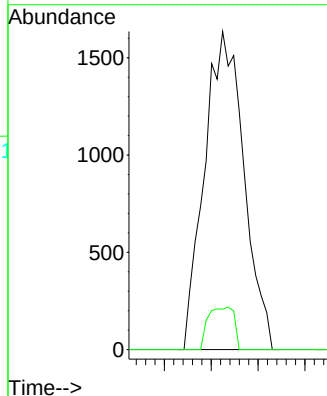
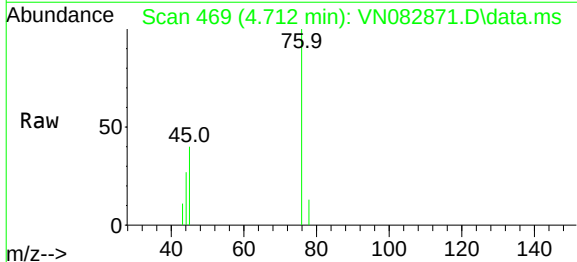
Instrument :
MSVOA_N
ClientSampleId :
COMP(00187-00189-00186)

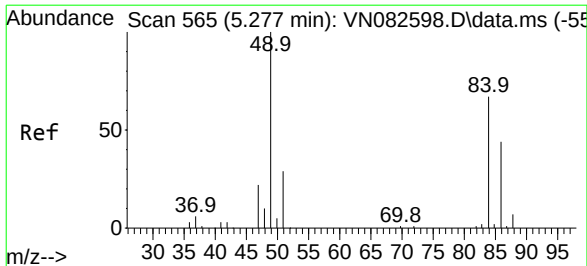
Tgt Ion: 43 Resp: 23697
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.6



#17
Carbon Disulfide
Concen: 1.272 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

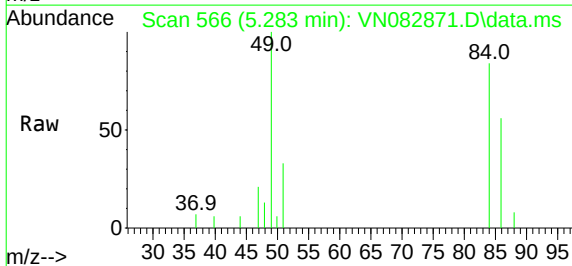
Tgt Ion: 76 Resp: 4778
Ion Ratio Lower Upper
76 100
78 12.7 7.2 10.8



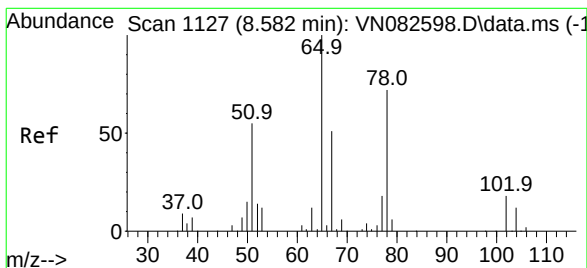
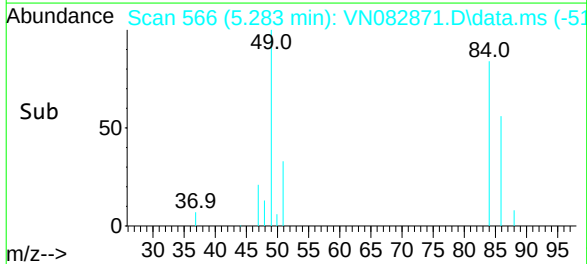
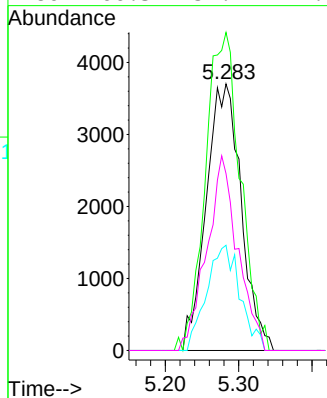


#20
Methylene Chloride
Concen: 8.345 ug/l
RT: 5.283 min Scan# 56
Delta R.T. 0.006 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
COMP(00187-00189-00186)

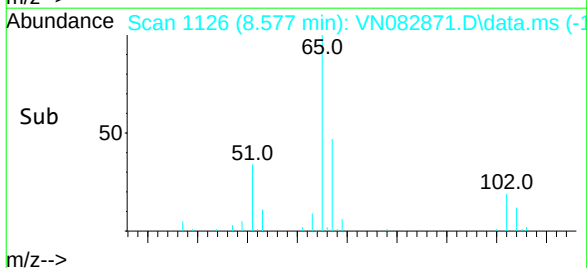
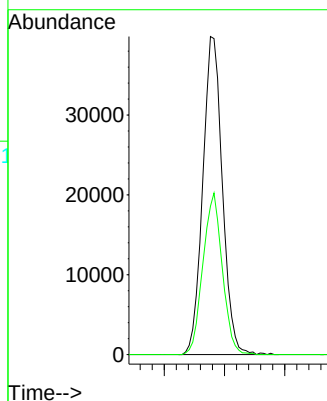
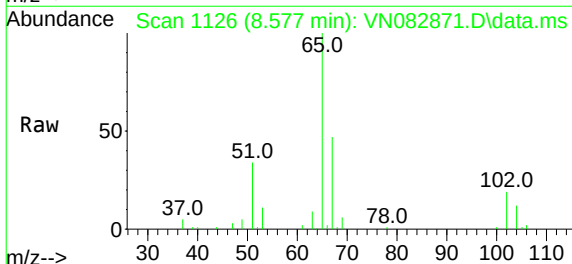


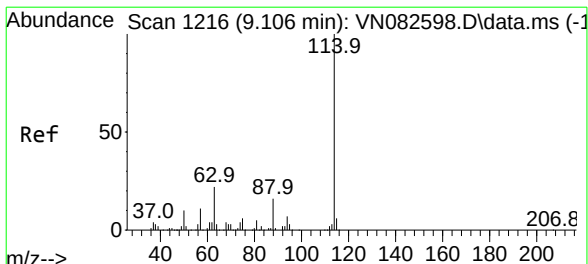
Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	119.6	179.4#
51	39.5	34.8	52.2
86	66.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 52.175 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	104.4

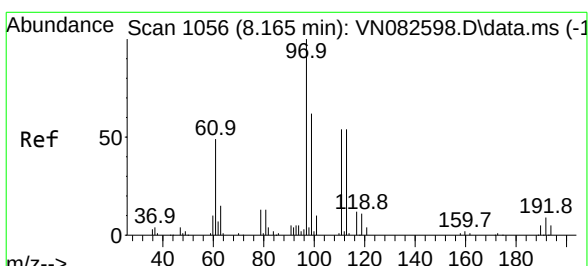
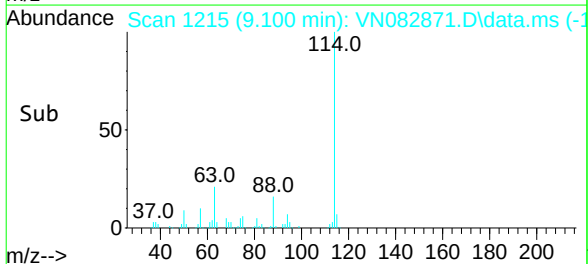
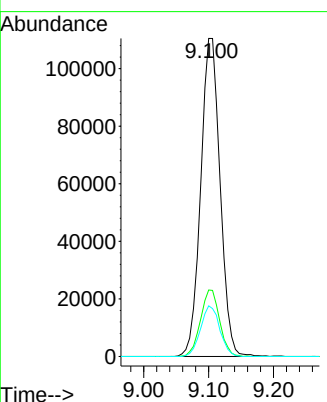
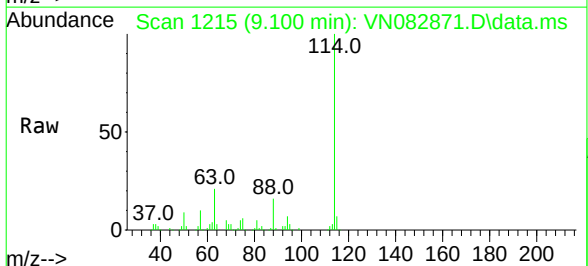




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN082871.D
 Acq: 11 Jul 2024 13:06

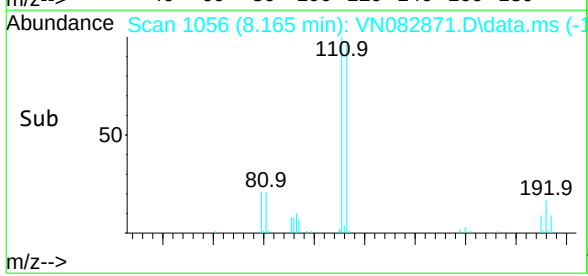
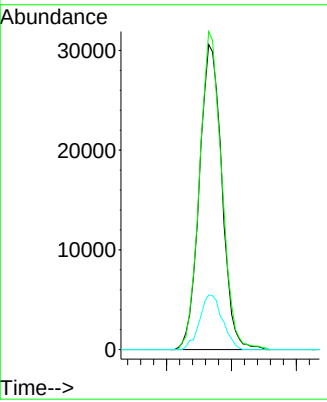
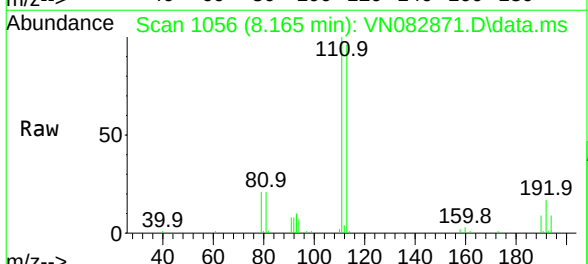
Instrument : MSVOA_N
 ClientSampleId : COMP(00187-00189-00186)

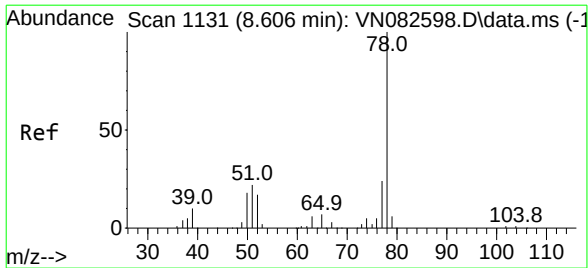
Tgt Ion:	114	Resp:	229424
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.6
88	15.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 50.090 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN082871.D
 Acq: 11 Jul 2024 13:06

Tgt Ion:	113	Resp:	73740
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	18.2	14.9	22.3

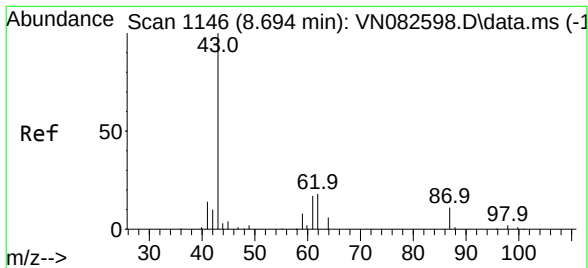
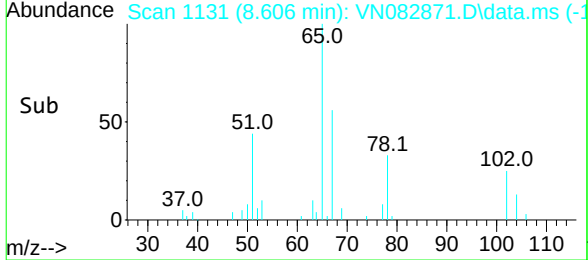
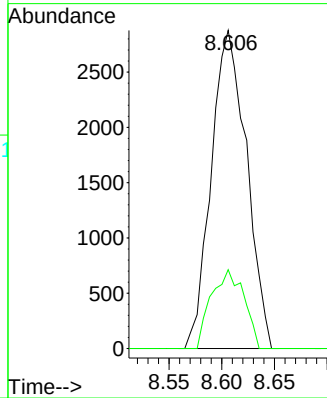
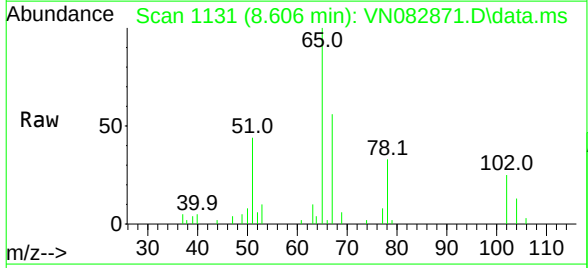




#40
Benzene
Concen: 1.072 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

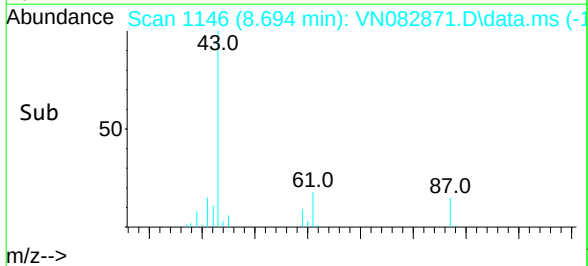
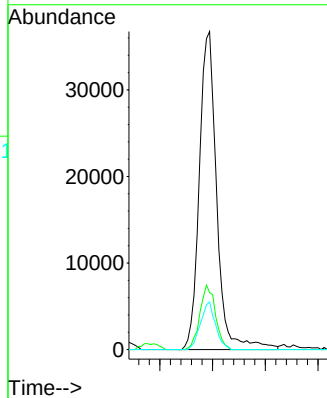
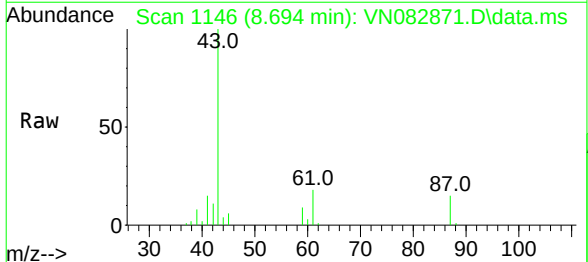
Instrument :
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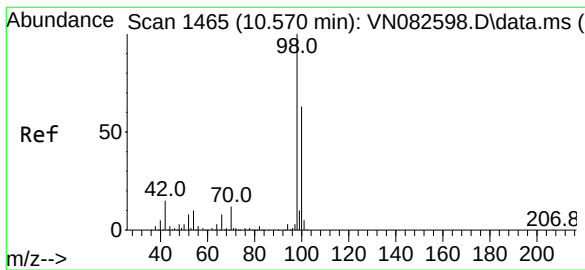
Tgt Ion: 78 Resp: 6690
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4



#43
Isopropyl Acetate
Concen: 19.808 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082871.D
Acq: 11 Jul 2024 13:06

Tgt Ion: 43 Resp: 84162
Ion Ratio Lower Upper
43 100
61 18.2 17.8 26.6
87 12.9 8.2 12.2#





#50

Toluene-d8

Concen: 51.224 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.001 min

Lab File: VN082871.D

Acq: 11 Jul 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

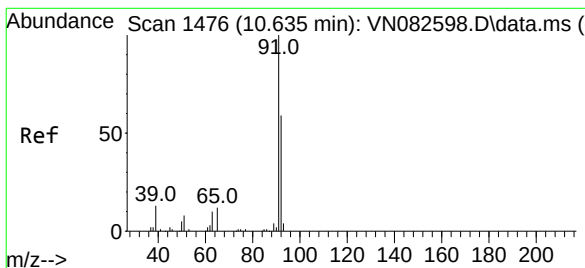
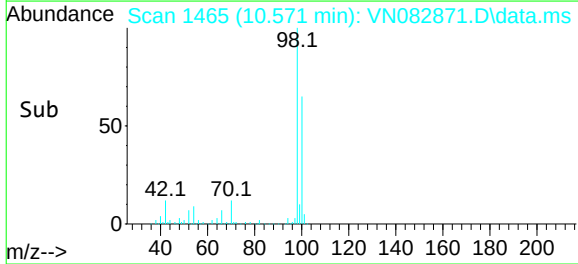
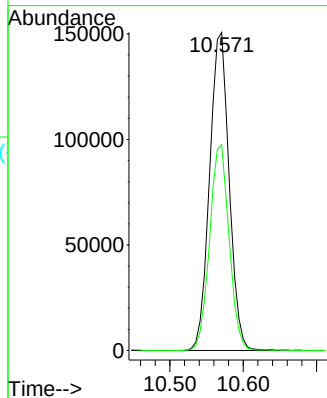
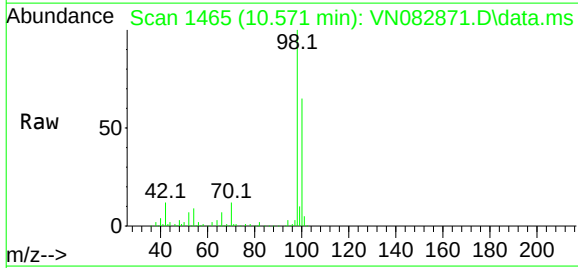
COMP(00187-00189-00186)

Tgt Ion: 98 Resp: 278526

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



#52

Toluene

Concen: 5.284 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN082871.D

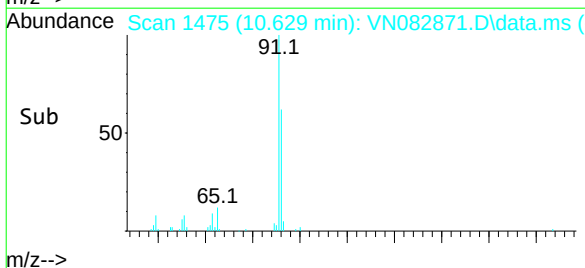
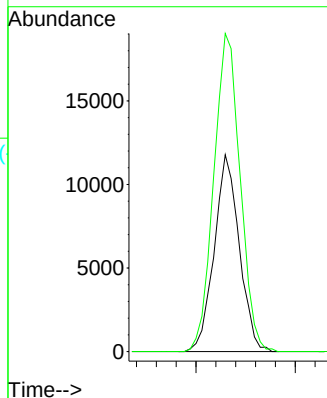
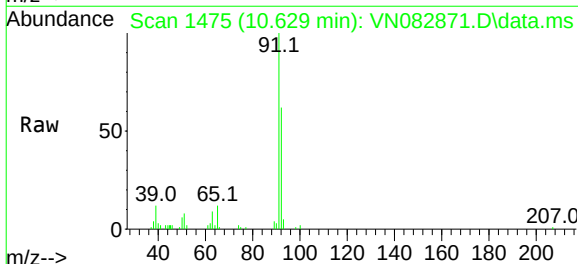
Acq: 11 Jul 2024 13:06

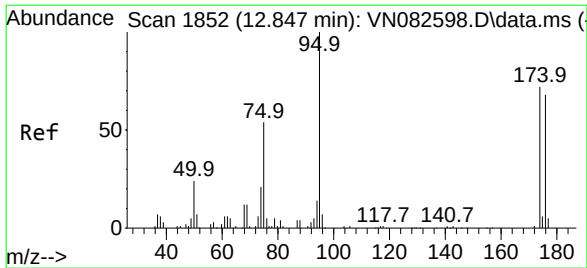
Tgt Ion: 92 Resp: 20610

Ion Ratio Lower Upper

92 100

91 169.9 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 52.679 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN082871.D

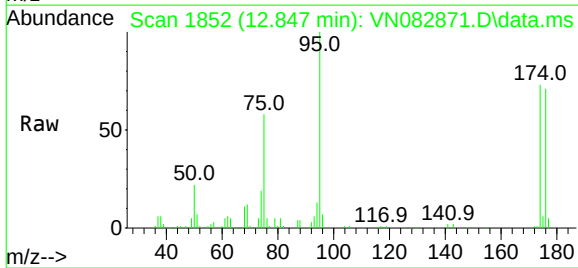
Acq: 11 Jul 2024 13:06

Instrument :

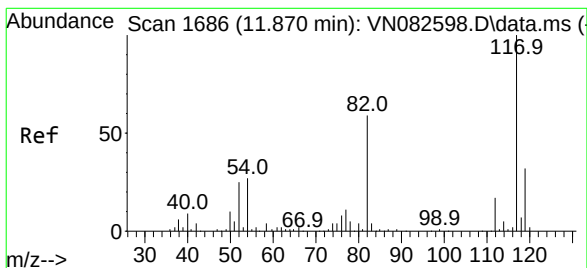
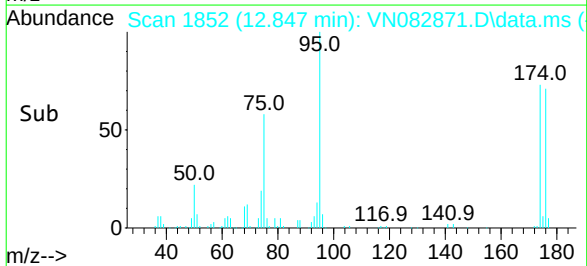
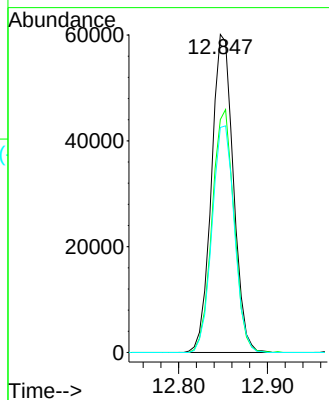
MSVOA_N

ClientSampleId :

COMP(00187-00189-00186)



Tgt Ion:	95	Resp:	102891
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	159.2
176	72.8	0.0	147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

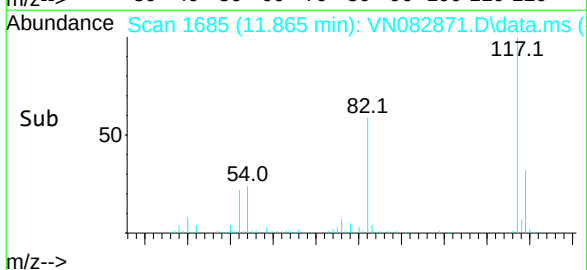
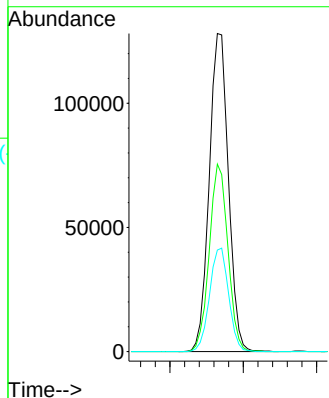
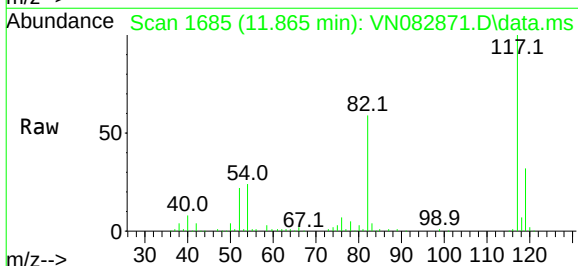
RT: 11.865 min Scan# 1685

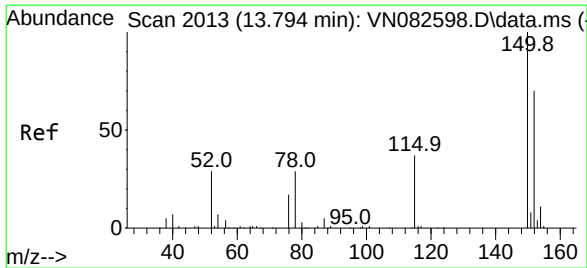
Delta R.T. -0.005 min

Lab File: VN082871.D

Acq: 11 Jul 2024 13:06

Tgt Ion:	117	Resp:	232483
Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.5	71.3
119	31.9	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082871.D

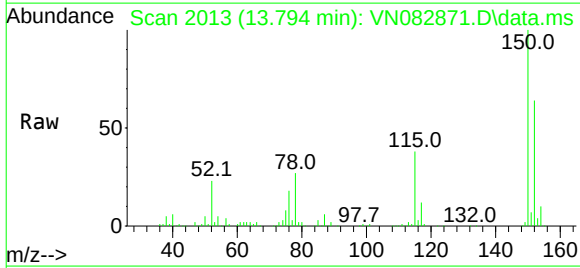
Acq: 11 Jul 2024 13:06

Instrument :

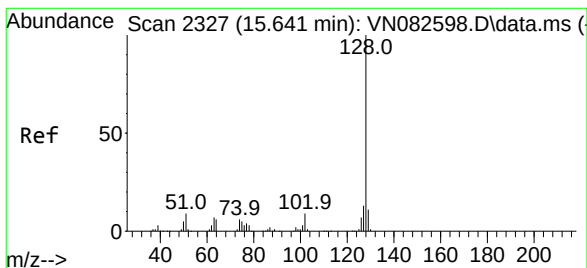
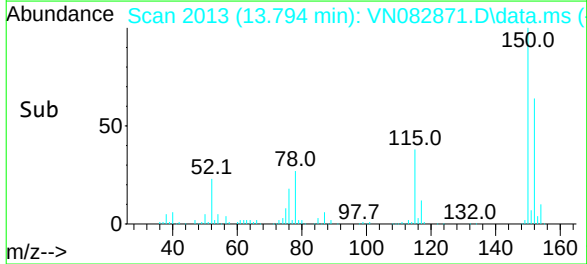
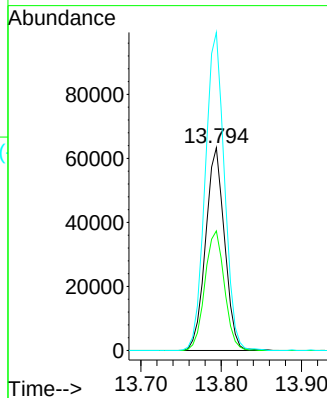
MSVOA_N

ClientSampleId :

COMP(00187-00189-00186)



Tgt Ion:	152	Resp:	103996
Ion Ratio	Lower	Upper	
152	100		
115	60.7	30.6	91.6
150	158.9	0.0	348.6



#95

Naphthalene

Concen: 1.113 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082871.D

Acq: 11 Jul 2024 13:06

Tgt Ion:	128	Resp:	7023
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	6.7	8.6	12.8#

