

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082720.D
 Acq On : 25 Jun 2024 16:11
 Operator : JC\MD
 Sample : PB161676ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#12

Quant Time: Jun 26 01:24:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

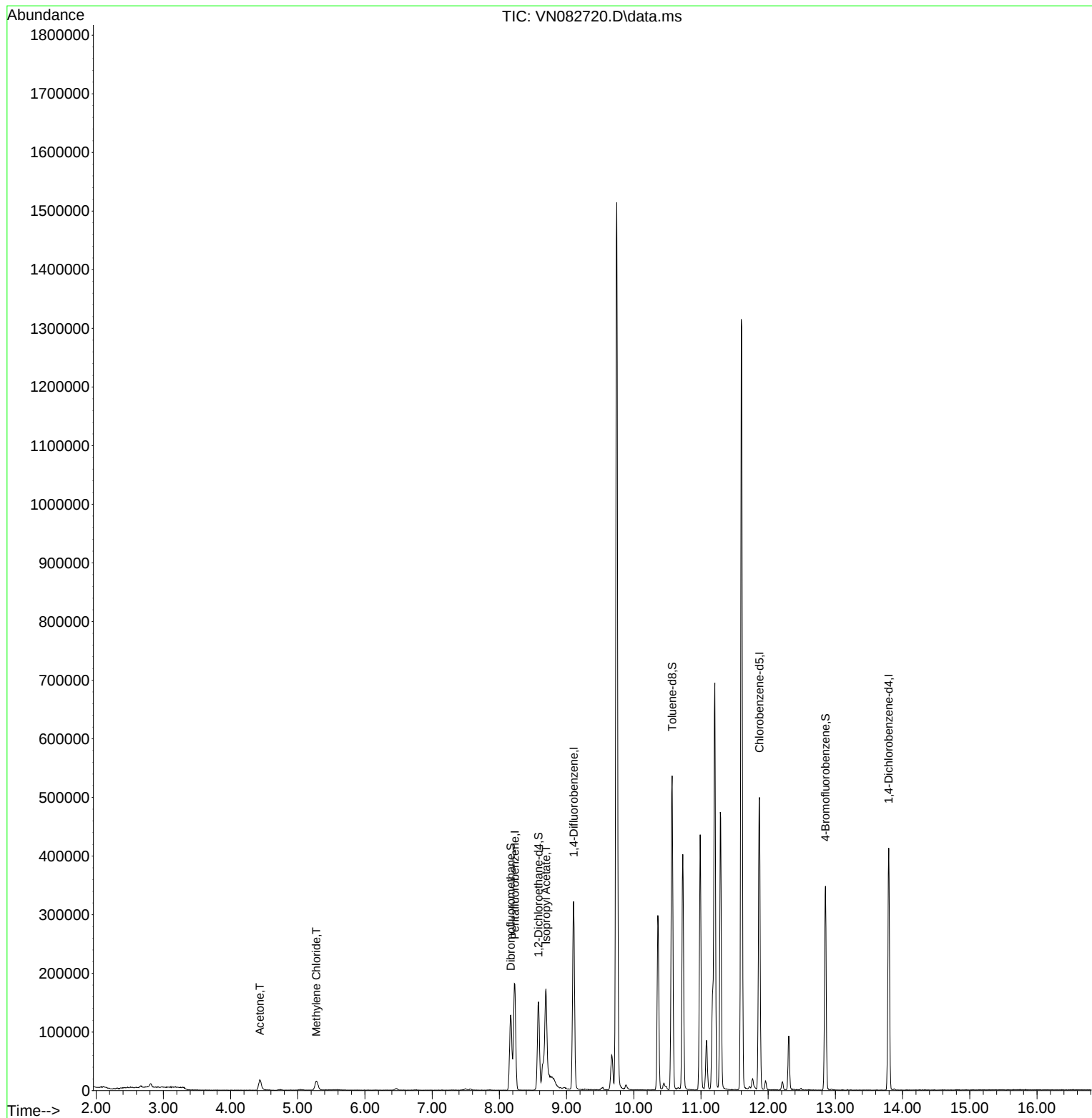
Internal Standards						
1) Pentafluorobenzene	8.229	168	128604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	267332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120950	58.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.300%
35) Dibromofluoromethane	8.171	113	91908	53.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.060%
50) Toluene-d8	10.570	98	347619	53.537	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.853	95	110672	49.438	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.880%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	34197	36.460	ug/l	94
20) Methylene Chloride	5.277	84	11299	6.852	ug/l	95
43) Isopropyl Acetate	8.694	43	284323	46.532	ug/l #	78

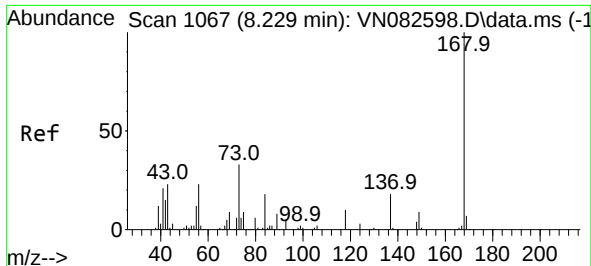
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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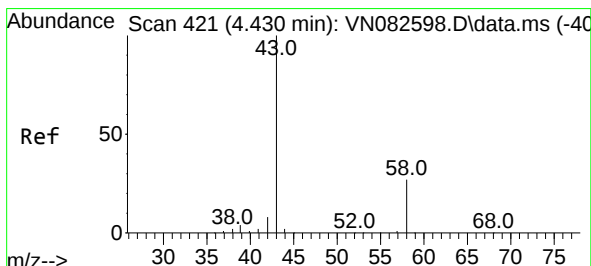
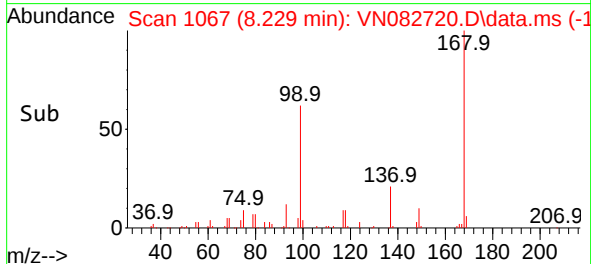
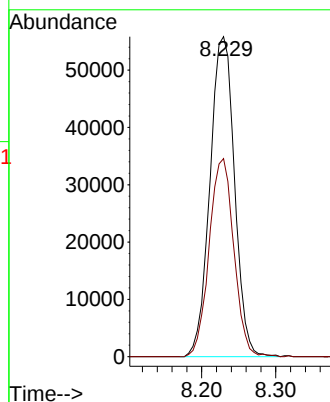
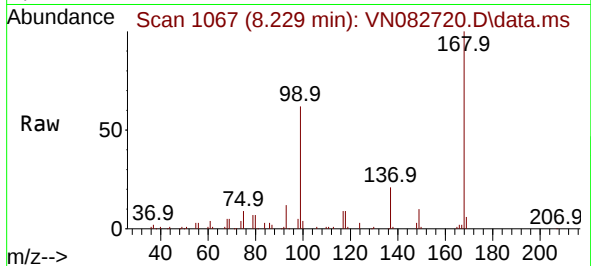




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

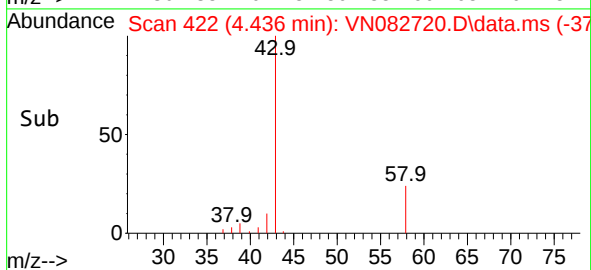
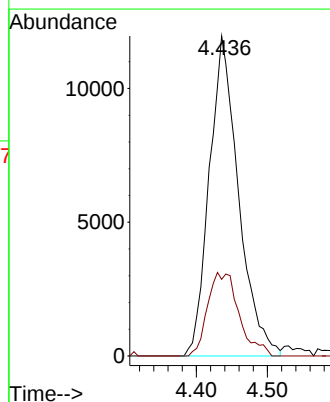
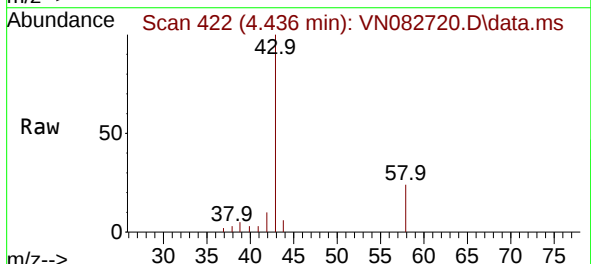
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#12

Tgt Ion:168 Resp: 128604
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#16
Acetone
Concen: 36.460 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

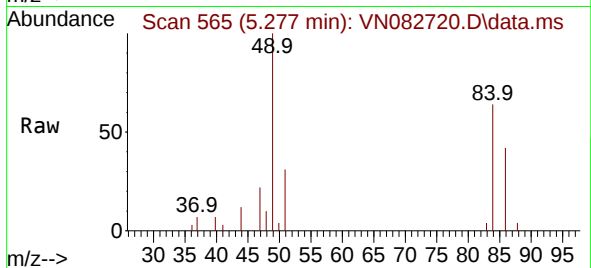
Tgt Ion: 43 Resp: 34197
Ion Ratio Lower Upper
43 100
58 24.0 21.8 32.6



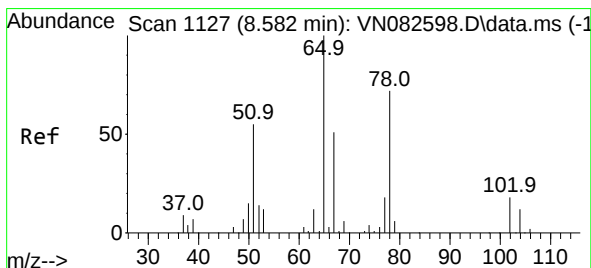
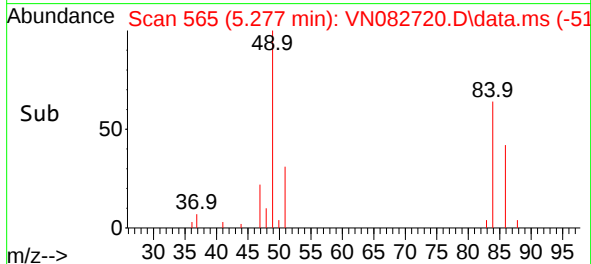
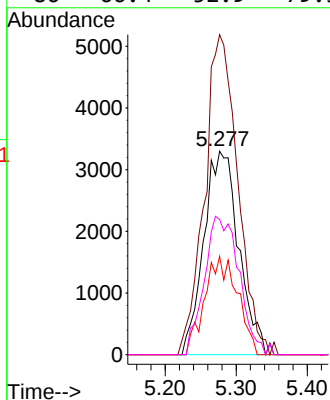


#20
Methylene Chloride
Concen: 6.852 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#12

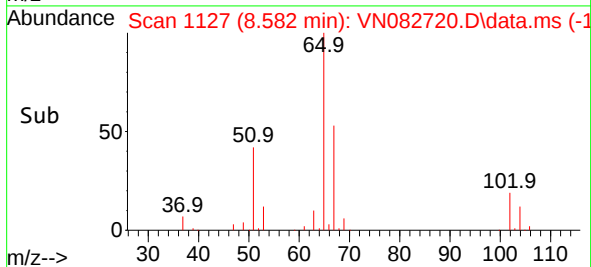
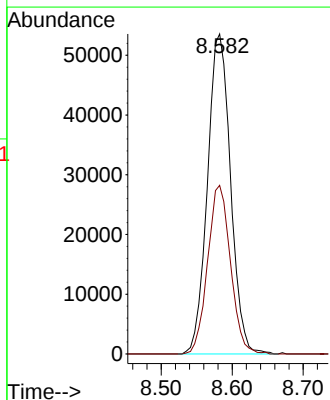
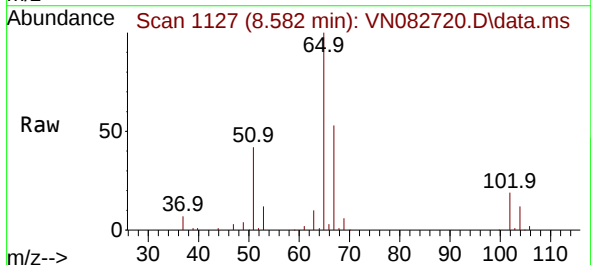


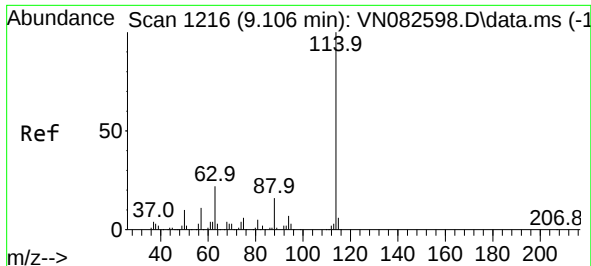
Tgt Ion:	84	Resp:	11299
Ion	Ratio	Lower	Upper
84	100		
49	157.2	119.6	179.4
51	48.2	34.8	52.2
86	66.4	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 58.647 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

Tgt Ion:	65	Resp:	120950
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4

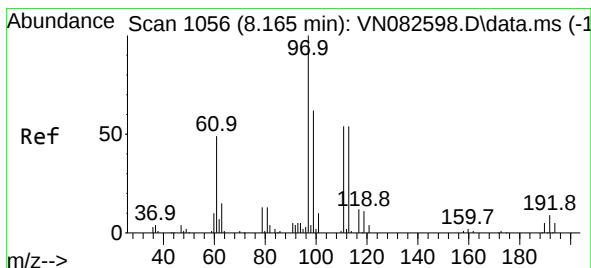
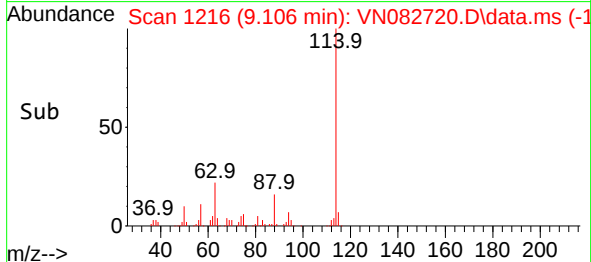
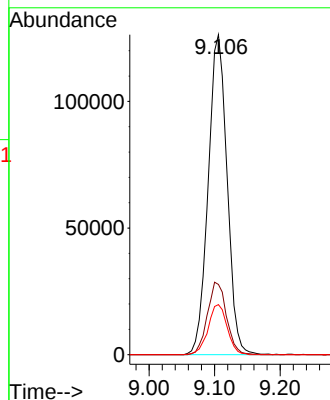
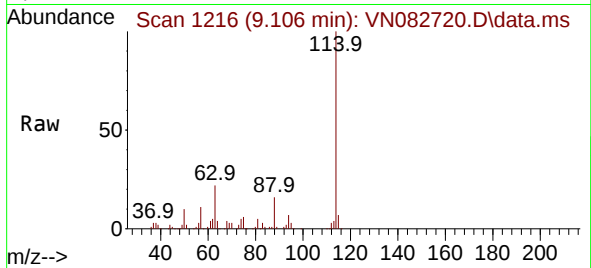




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

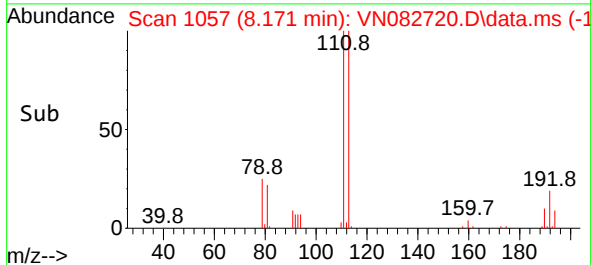
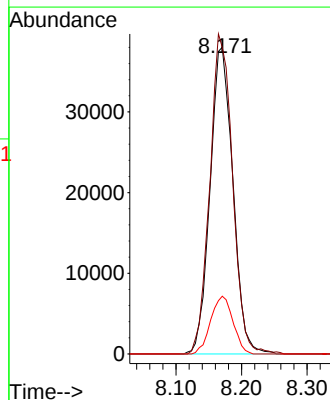
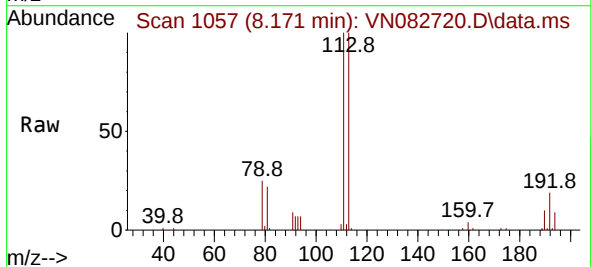
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#12

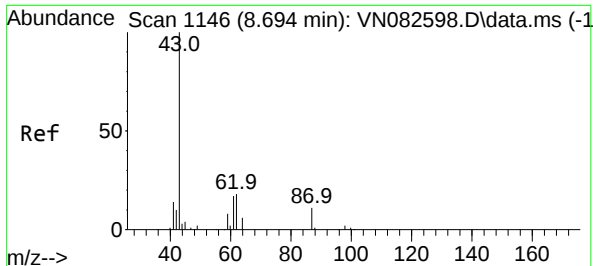
Tgt Ion:114 Resp: 253099
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.6
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.528 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

Tgt Ion:113 Resp: 91908
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 18.4 14.9 22.3





#43

Isopropyl Acetate

Concen: 46.532 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082720.D

Acq: 25 Jun 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#12

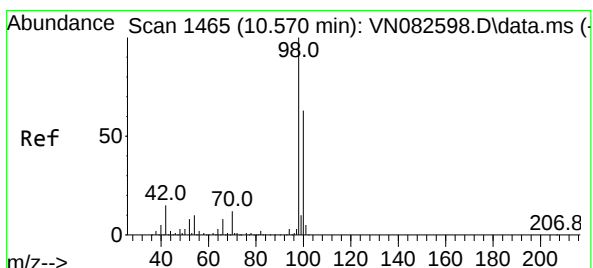
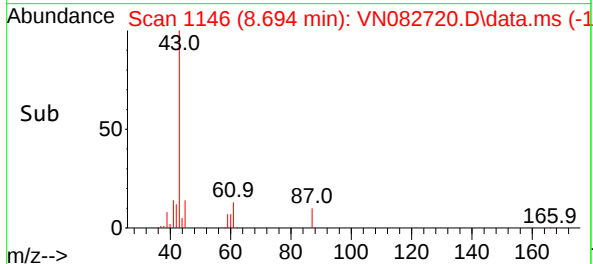
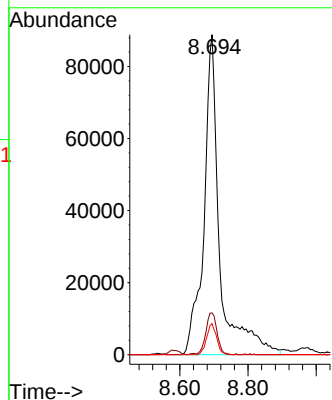
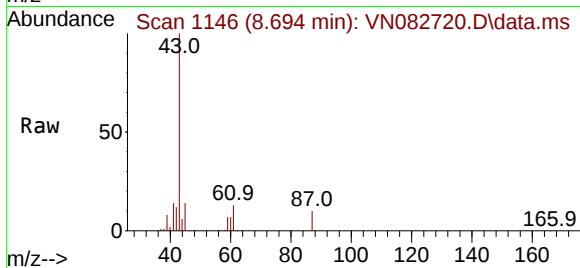
Tgt Ion: 43 Resp: 284323

Ion Ratio Lower Upper

43 100

61 9.5 17.8 26.6#

87 6.1 8.2 12.2#



#50

Toluene-d8

Concen: 53.537 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082720.D

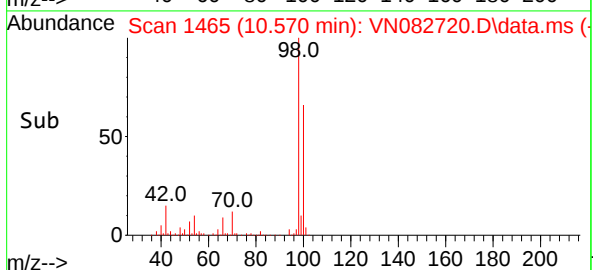
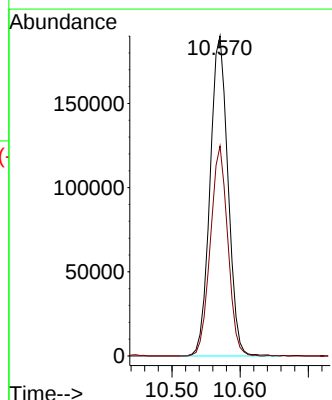
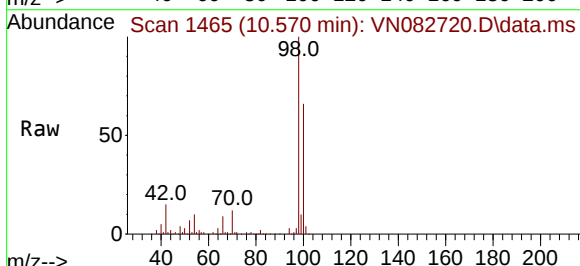
Acq: 25 Jun 2024 16:11

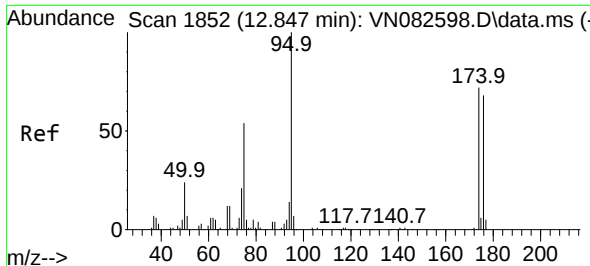
Tgt Ion: 98 Resp: 347619

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3

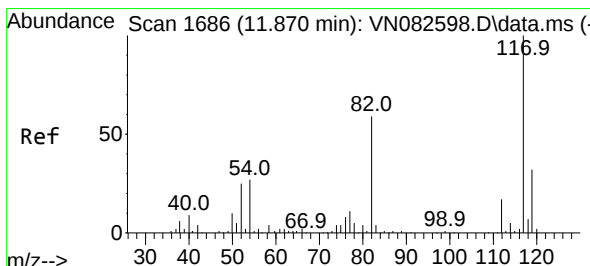
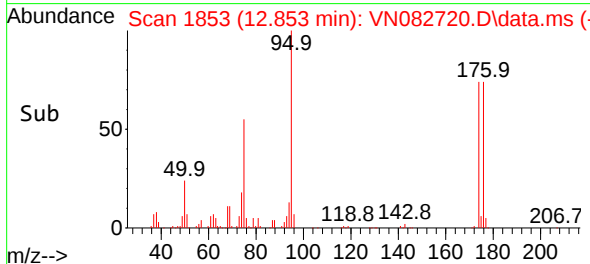
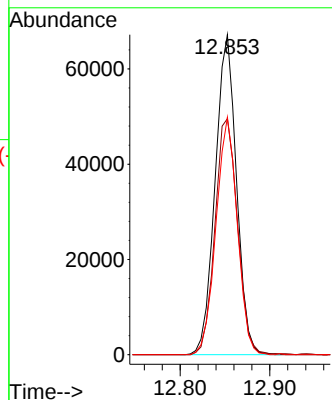
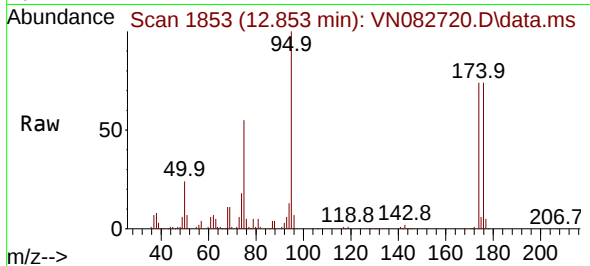




#62
4-Bromofluorobenzene
Concen: 49.438 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

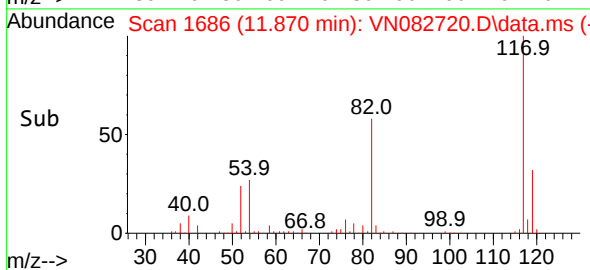
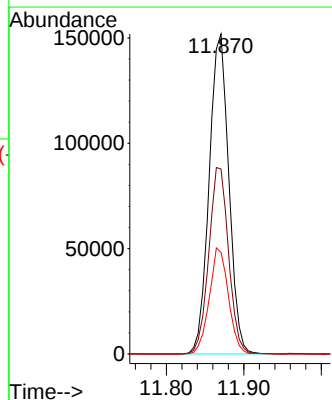
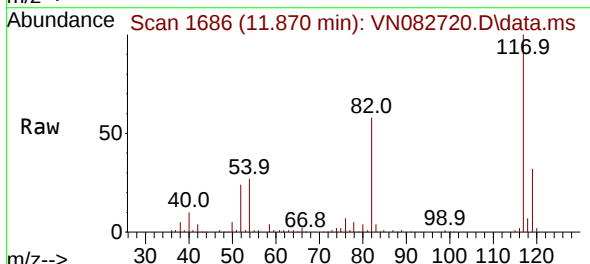
Instrument :
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PB161676ZHE#12

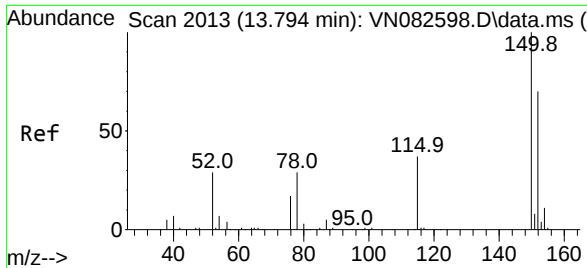
Tgt Ion: 95 Resp: 110672
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 74.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082720.D
Acq: 25 Jun 2024 16:11

Tgt Ion: 117 Resp: 267332
Ion Ratio Lower Upper
117 100
82 57.8 47.5 71.3
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082720.D
 Acq: 25 Jun 2024 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#12

Tgt Ion:152 Resp: 104082
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.6 91.6
 150 159.6 0.0 348.6

