

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082804.D
 Acq On : 03 Jul 2024 15:39
 Operator : JC\MD
 Sample : P3152-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 441

Quant Time: Jul 04 00:00:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

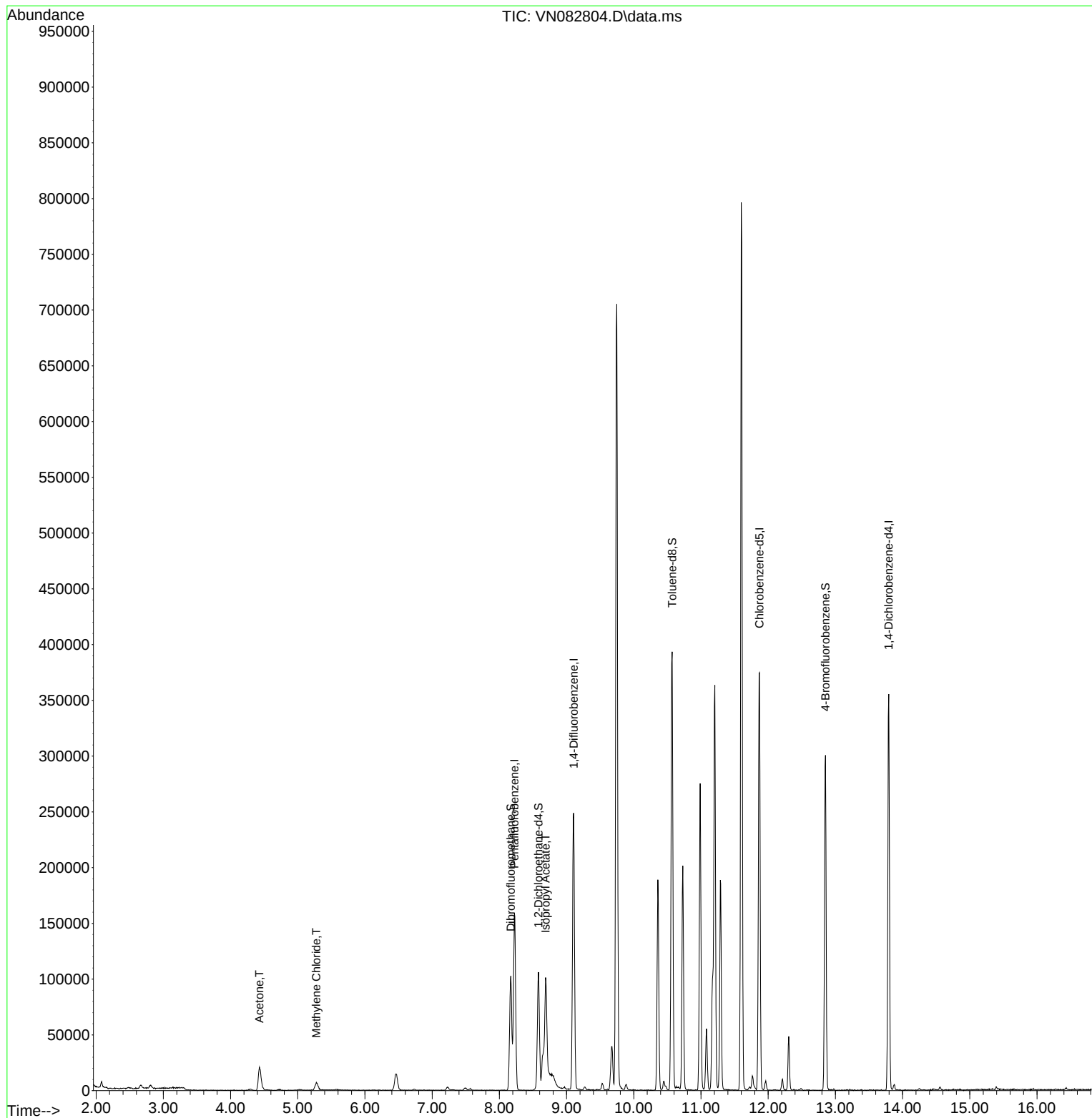
Internal Standards						
1) Pentafluorobenzene	8.224	168	113955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	214015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	217501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	86982	49.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.000%
35) Dibromofluoromethane	8.171	113	72096	51.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	10.571	98	274420	52.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.853	95	100427	55.495	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	110.980%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	39644	59.542	ug/l	94
20) Methylene Chloride	5.277	84	5493	3.260	ug/l	88
43) Isopropyl Acetate	8.688	43	153538	40.329	ug/l #	82

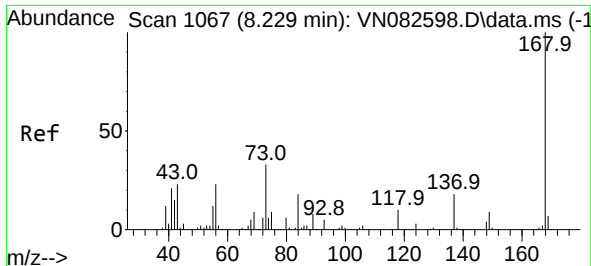
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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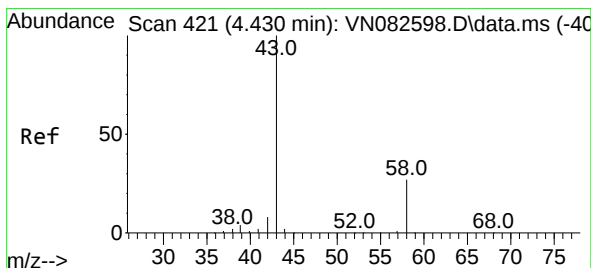
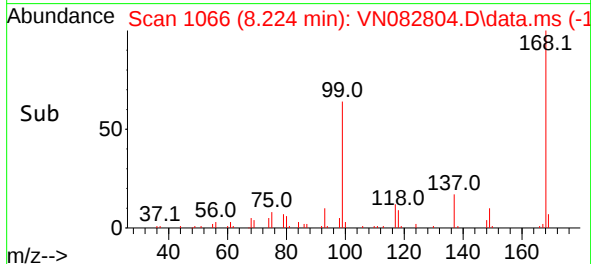
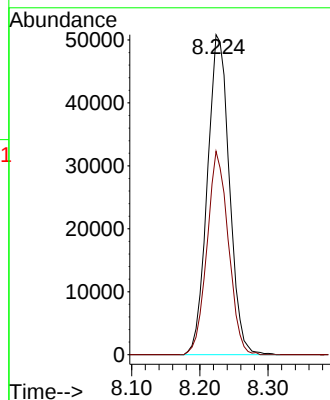
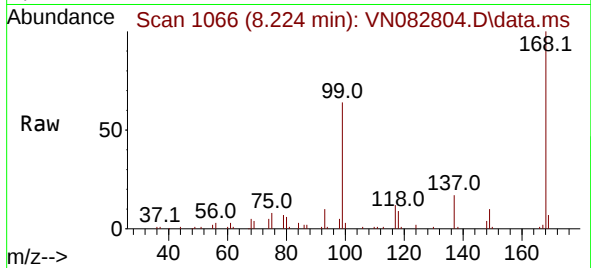




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

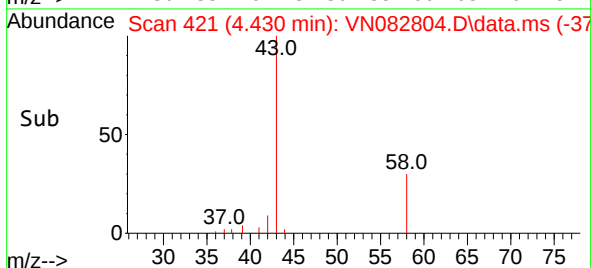
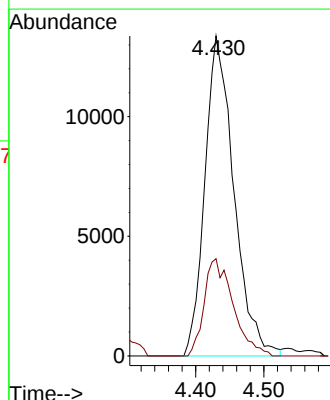
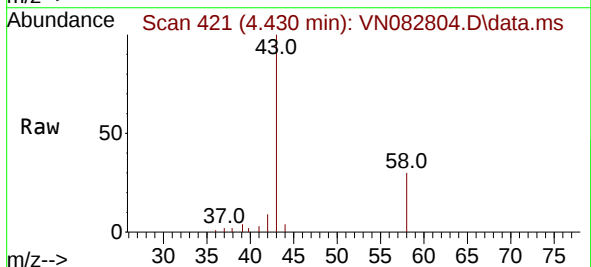
Instrument :
MSVOA_N
ClientSampleId :
441

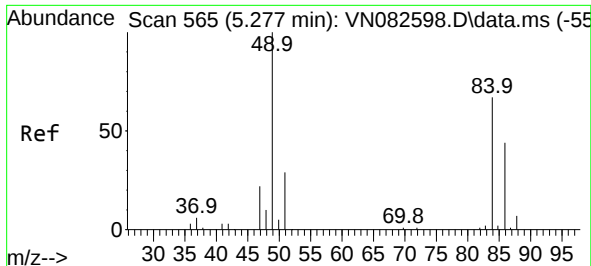
Tgt Ion:168 Resp: 113955
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 59.542 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

Tgt Ion: 43 Resp: 39644
Ion Ratio Lower Upper
43 100
58 30.4 21.8 32.6

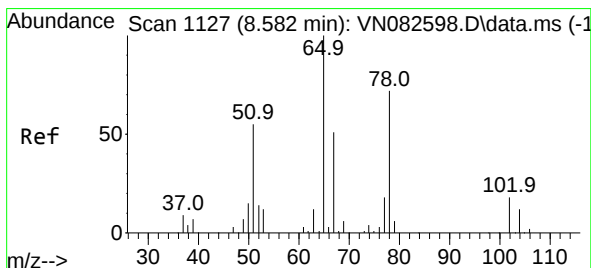
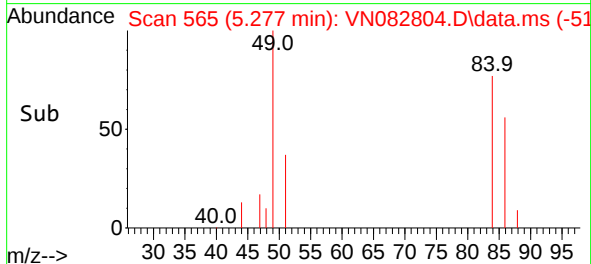
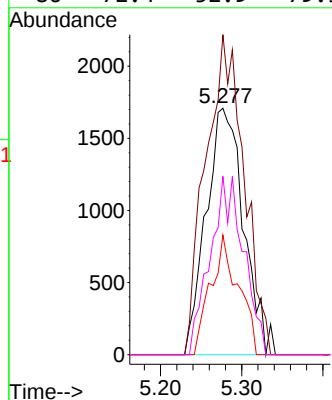
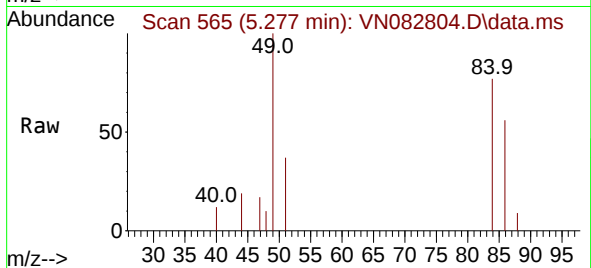




#20
Methylene Chloride
Concen: 3.260 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

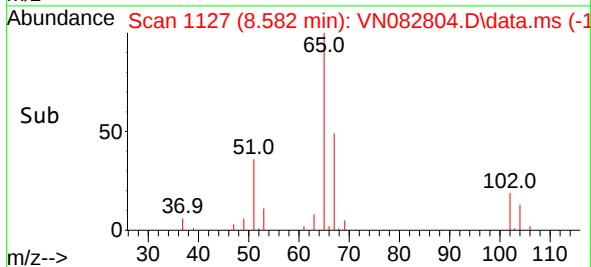
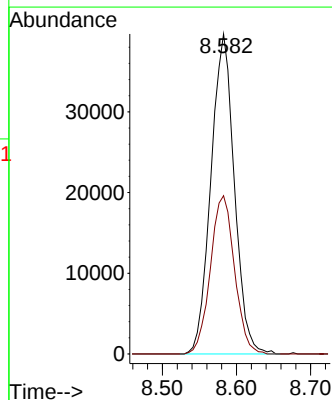
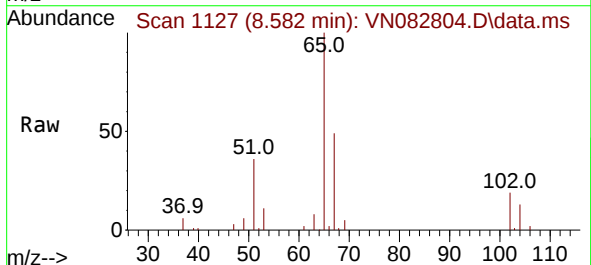
Instrument :
MSVOA_N
ClientSampleId :
441

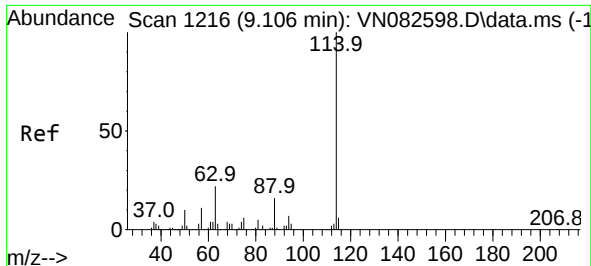
Tgt Ion:	84	Resp:	5493
Ion	Ratio	Lower	Upper
84	100		
49	129.8	119.6	179.4
51	48.5	34.8	52.2
86	72.4	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 49.496 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

Tgt Ion:	65	Resp:	86982
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.4

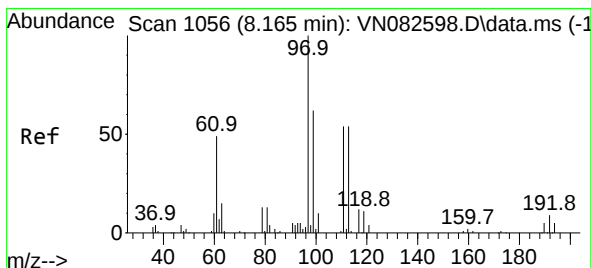
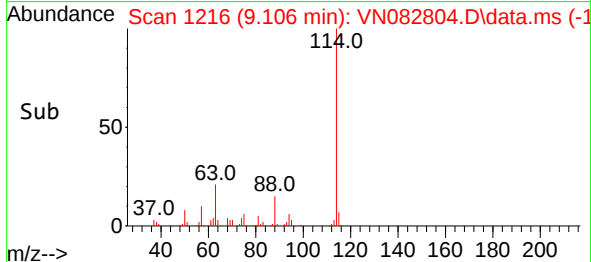
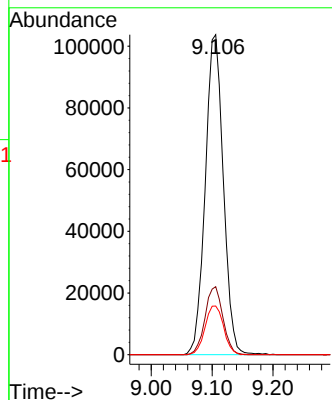
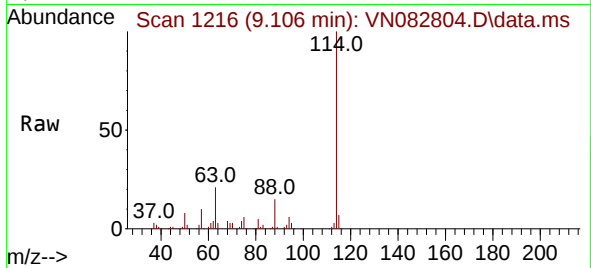




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

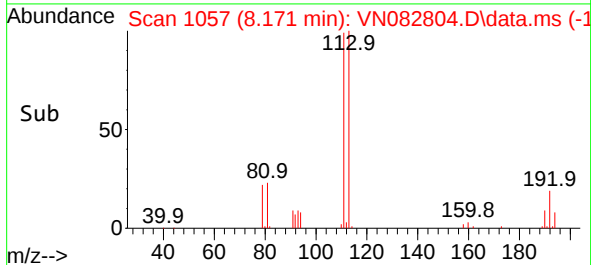
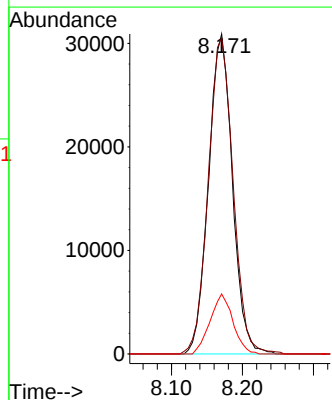
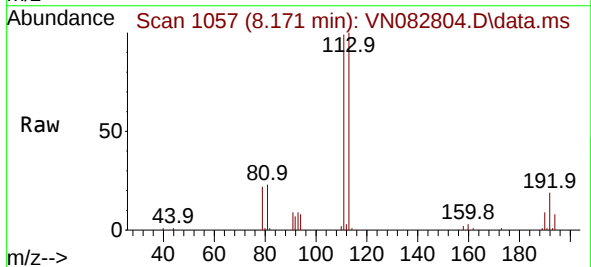
Instrument :
MSVOA_N
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441

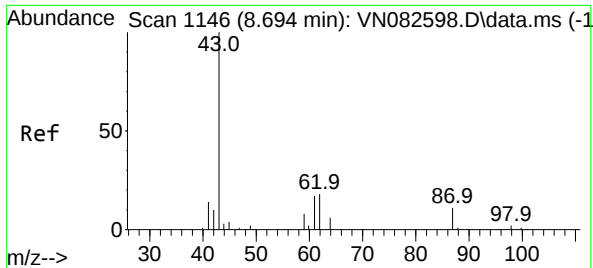
Tgt Ion:114 Resp: 214015
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.166 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

Tgt Ion:113 Resp: 72096
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.9 14.9 22.3

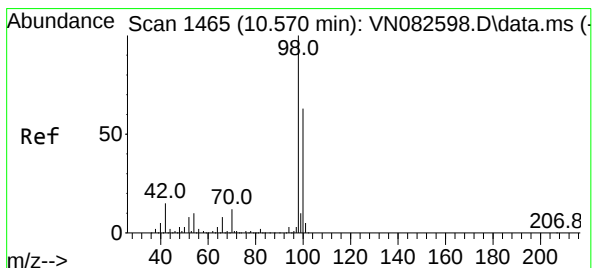
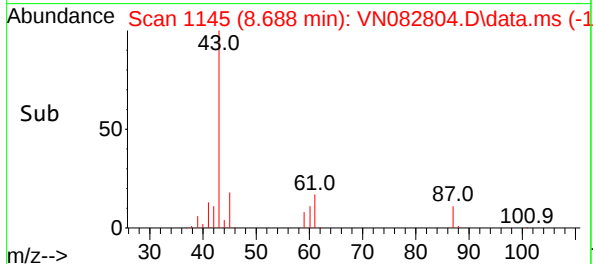
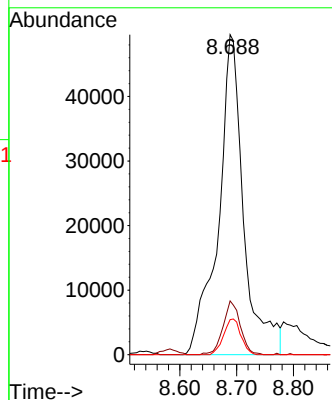
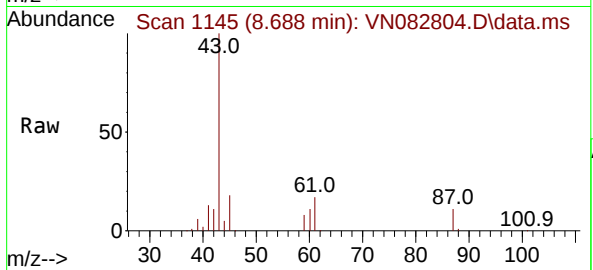




#43
Isopropyl Acetate
Concen: 40.329 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

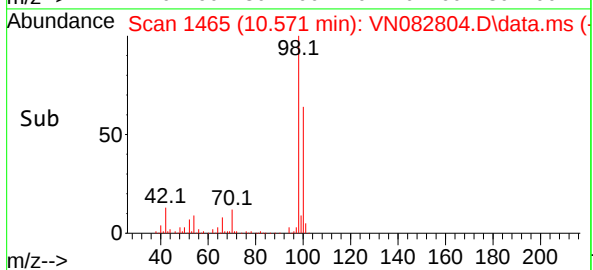
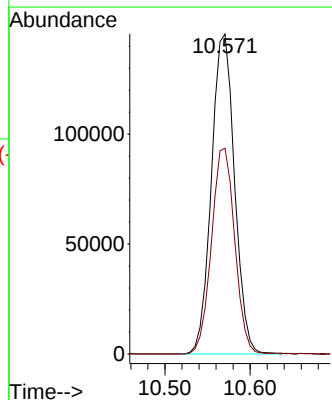
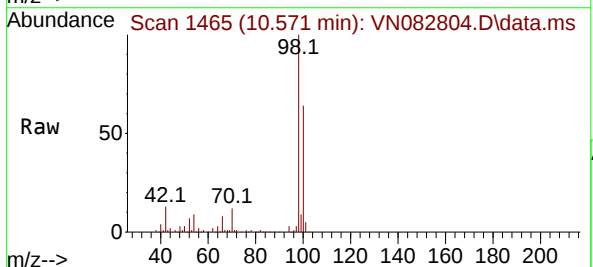
Instrument :
MSVOA_N
ClientSampleId :
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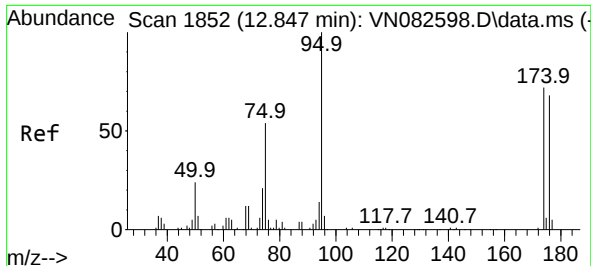
Tgt Ion: 43 Resp: 153538
Ion Ratio Lower Upper
43 100
61 11.5 17.8 26.6#
87 7.6 8.2 12.2#



#50
Toluene-d8
Concen: 52.076 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

Tgt Ion: 98 Resp: 274420
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

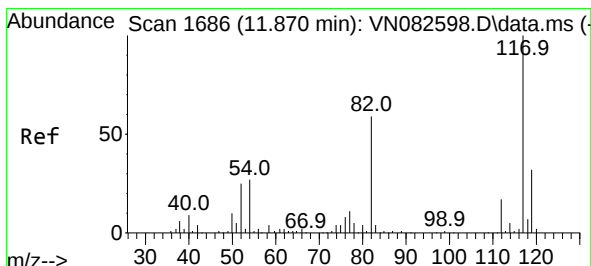
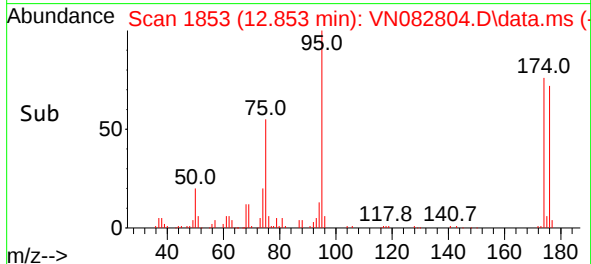
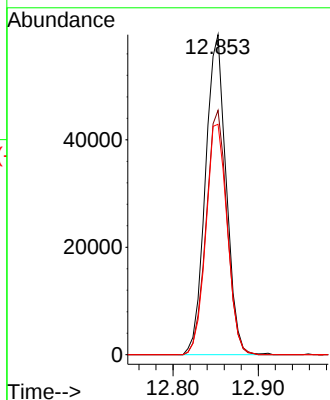
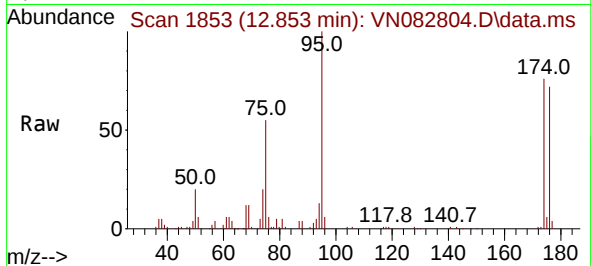




#62
4-Bromofluorobenzene
Concen: 55.495 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

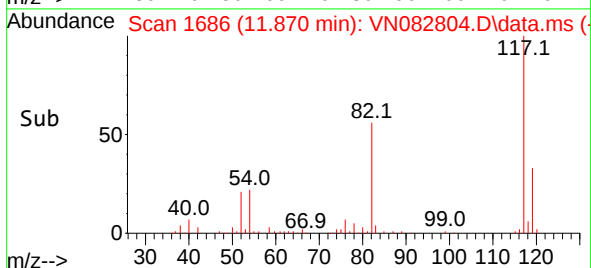
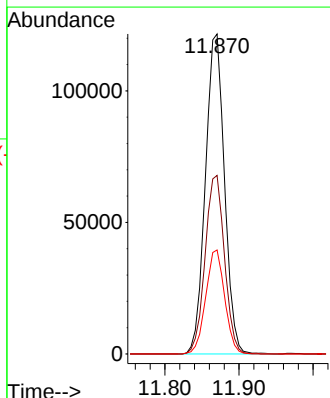
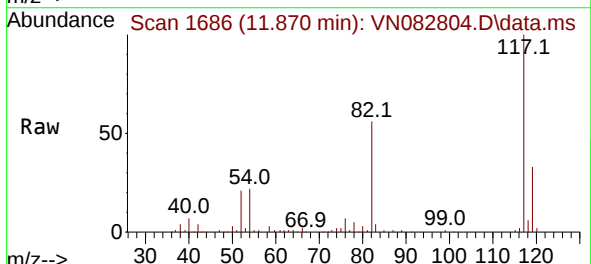
Instrument :
MSVOA_N
ClientSampleId :
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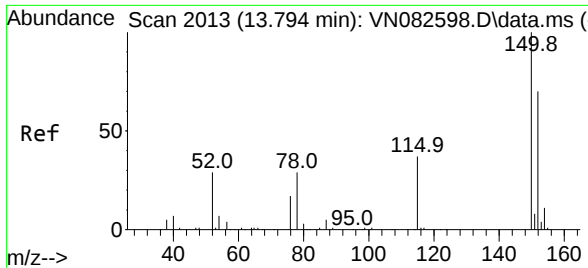
Tgt Ion: 95 Resp: 100427
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 74.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082804.D
Acq: 03 Jul 2024 15:39

Tgt Ion: 117 Resp: 217501
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 32.5 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: VN082804.D
 Acq: 03 Jul 2024 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 441

Tgt Ion:	152	Resp:	92446
Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.6	91.6
150	159.4	0.0	348.6

