

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082725.D
 Acq On : 25 Jun 2024 18:13
 Operator : JC\MD
 Sample : P3021-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-006

Quant Time: Jun 26 01:26:42 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)

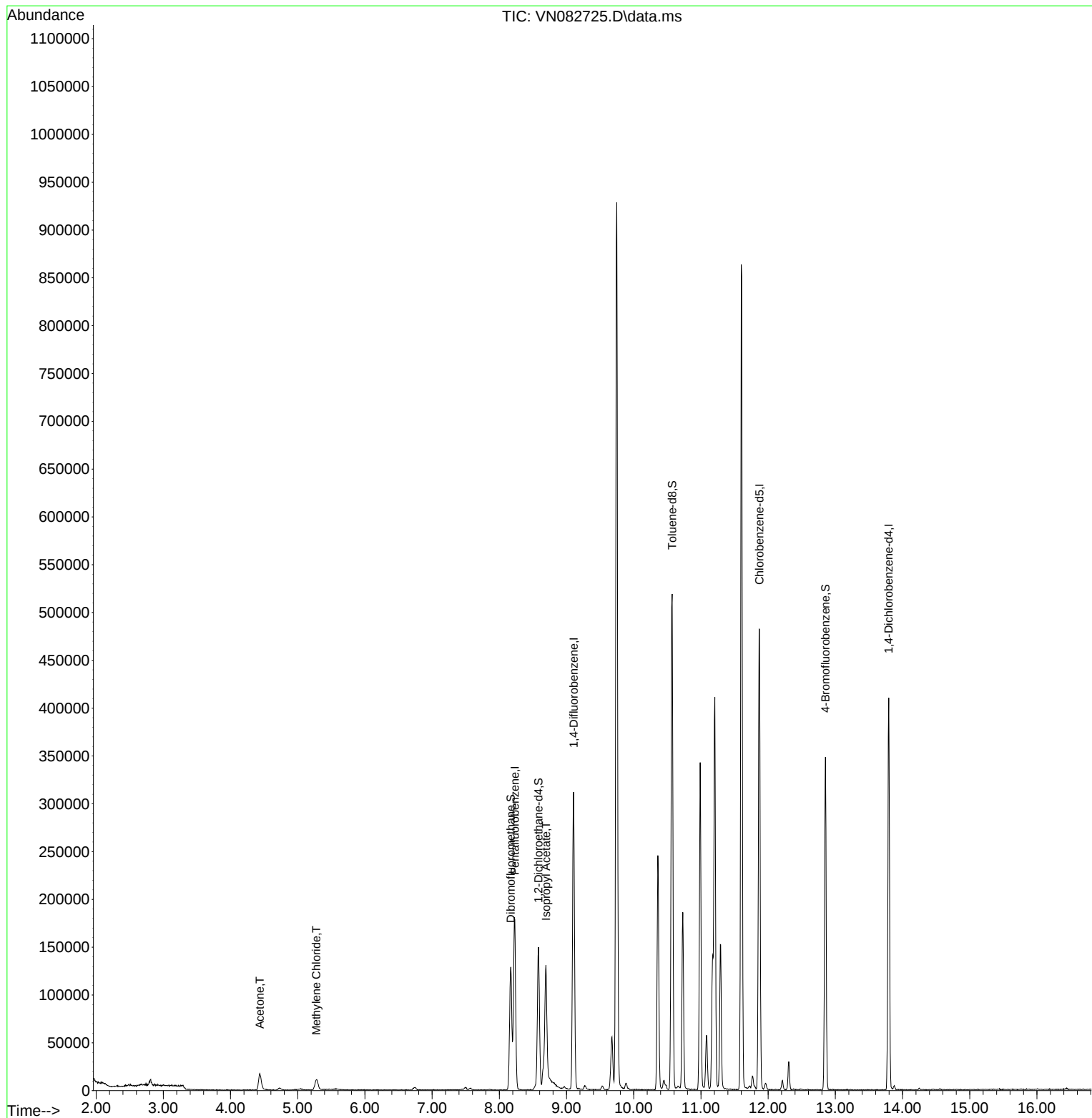
Internal Standards						
1) Pentafluorobenzene	8.230	168	125446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120795	60.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.100%	
35) Dibromofluoromethane	8.171	113	89467	54.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.180%	
50) Toluene-d8	10.571	98	342040	54.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.853	95	104937	48.663	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.320%	
Target Compounds						Qvalue
16) Acetone	4.436	43	33783	36.925	ug/l	99
20) Methylene Chloride	5.277	84	8426	5.239	ug/l	89
43) Isopropyl Acetate	8.694	43	180832	30.723	ug/l #	83

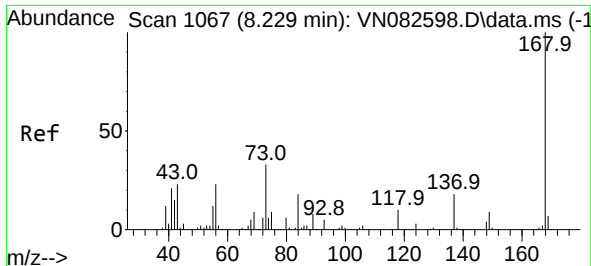
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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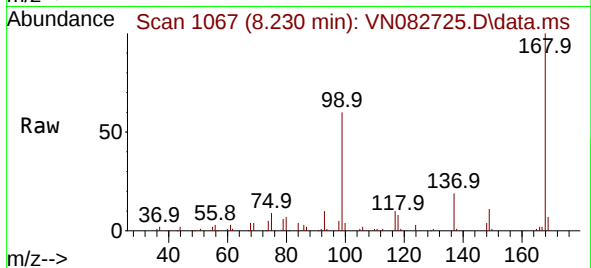
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
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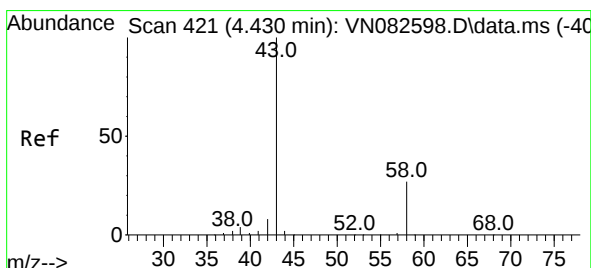
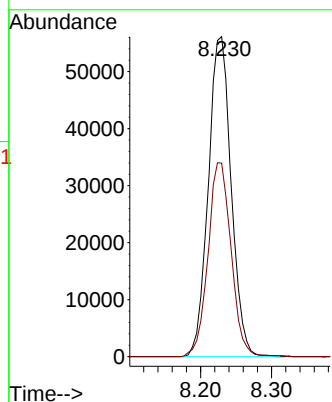
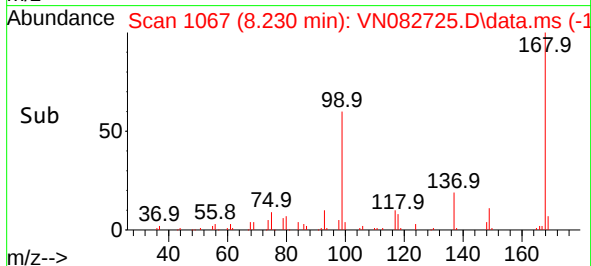


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

Instrument :
MSVOA_N
ClientSampleId :
ARS20-006

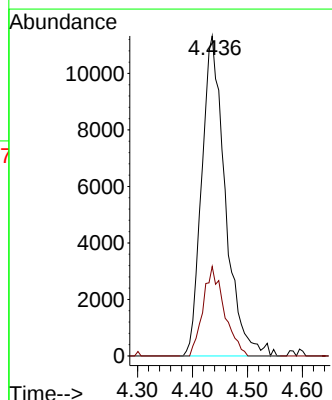
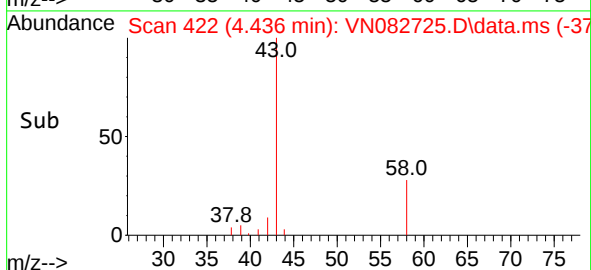
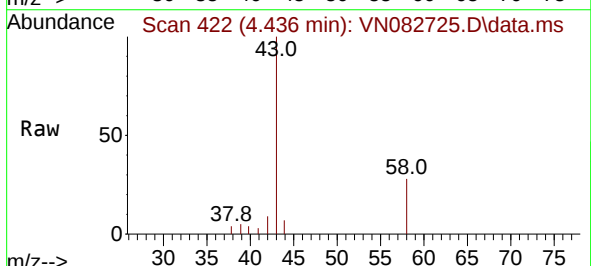


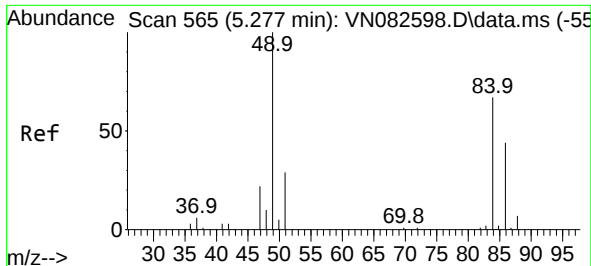
Tgt Ion:168 Resp: 125446
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4



#16
Acetone
Concen: 36.925 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

Tgt Ion: 43 Resp: 33783
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.6

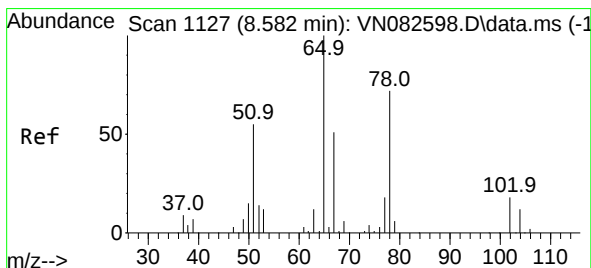
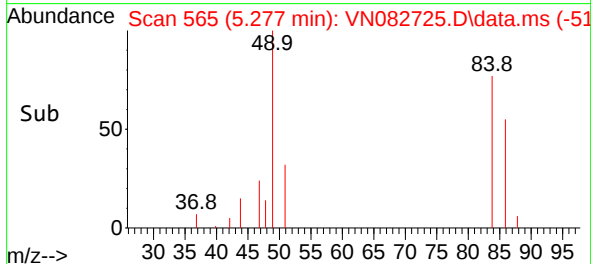
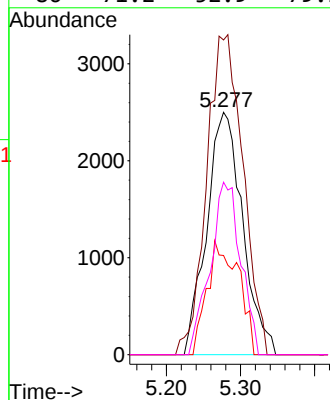
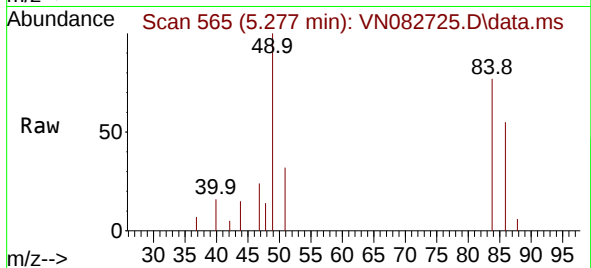




#20
Methylene Chloride
Concen: 5.239 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

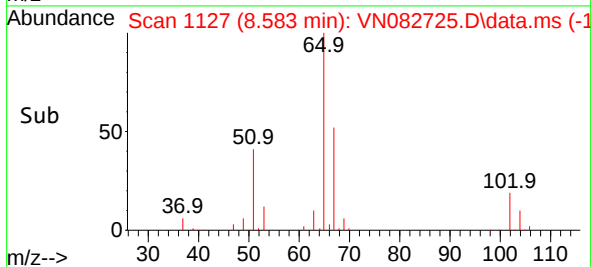
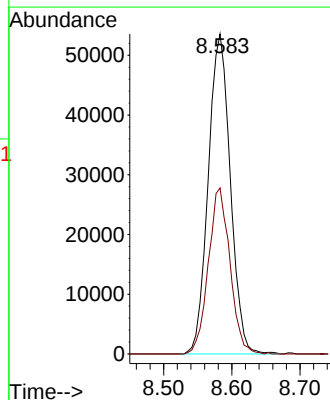
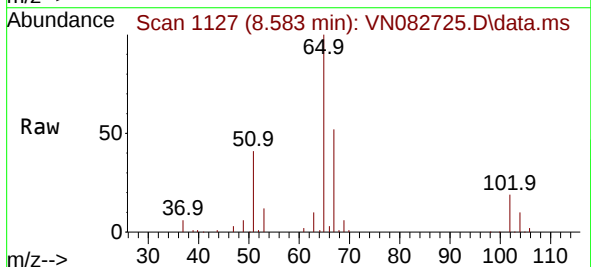
Instrument :
MSVOA_N
ClientSampleId :
ARS20-006

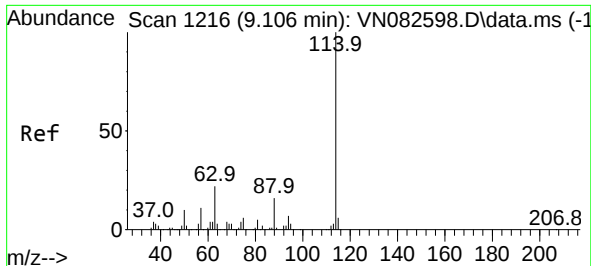
Tgt Ion:	84	Resp:	8426
Ion	Ratio	Lower	Upper
84	100		
49	129.8	119.6	179.4
51	40.9	34.8	52.2
86	71.2	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 60.046 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

Tgt Ion:	65	Resp:	120795
Ion	Ratio	Lower	Upper
65	100		
67	50.7	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: VN082725.D

Acq: 25 Jun 2024 18:13

Instrument :

MSVOA_N

ClientSampleId :

ARS20-006

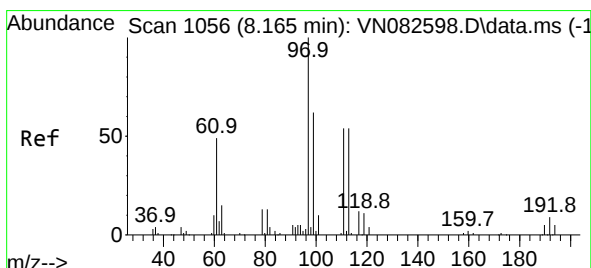
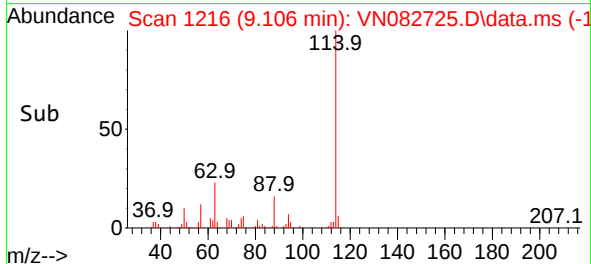
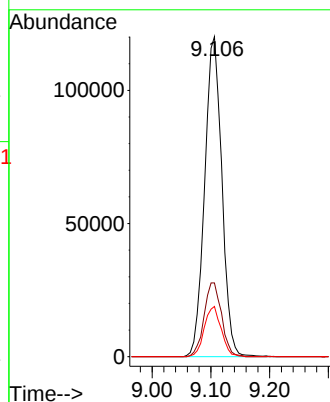
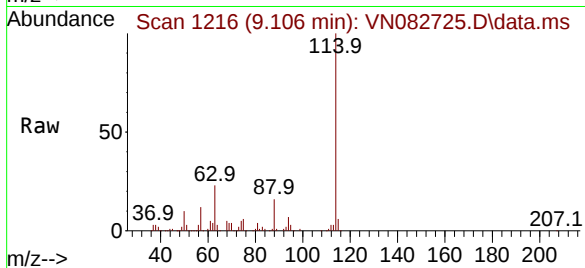
Tgt Ion:114 Resp: 243807

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.092 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082725.D

Acq: 25 Jun 2024 18:13

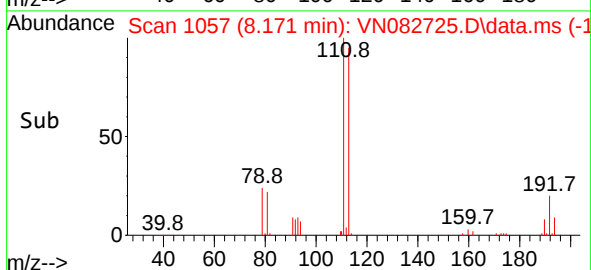
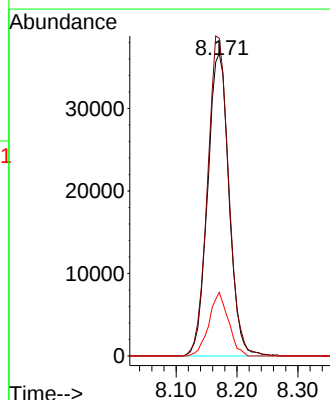
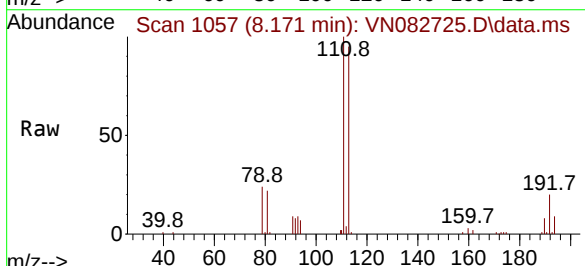
Tgt Ion:113 Resp: 89467

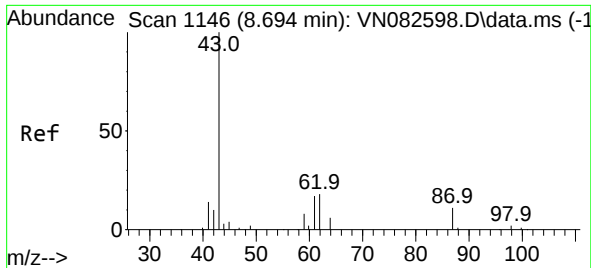
Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 19.1 14.9 22.3

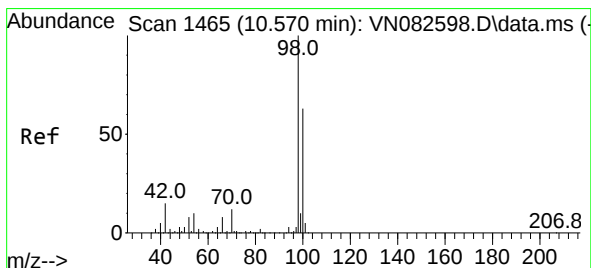
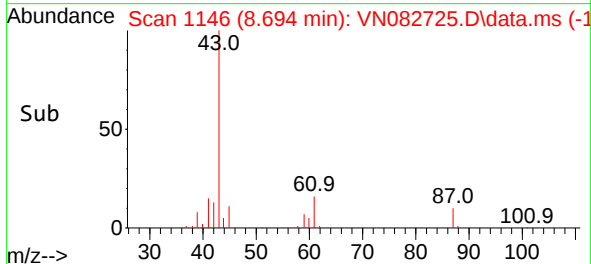
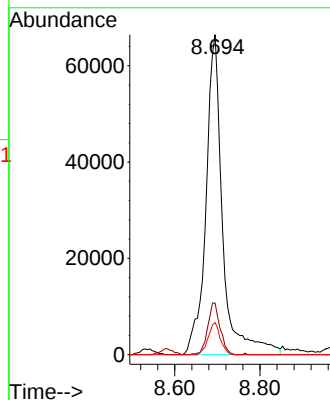
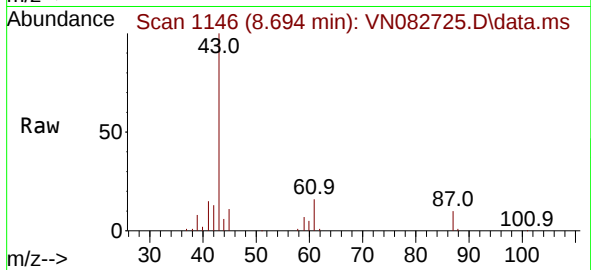




#43
Isopropyl Acetate
Concen: 30.723 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

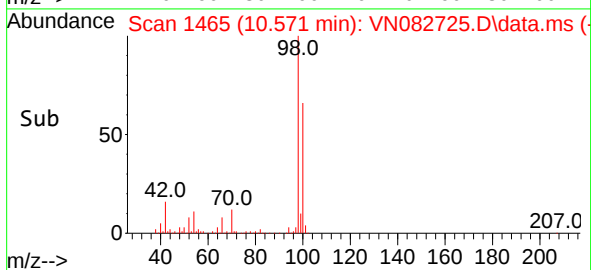
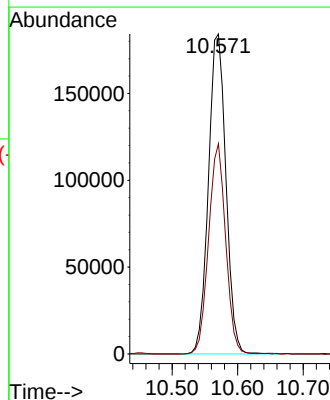
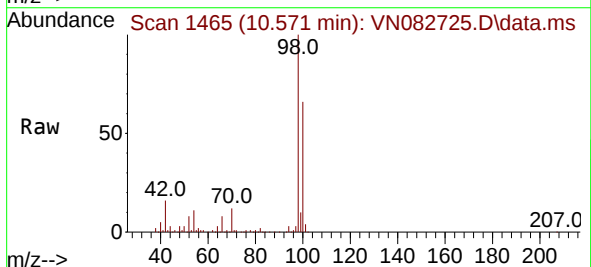
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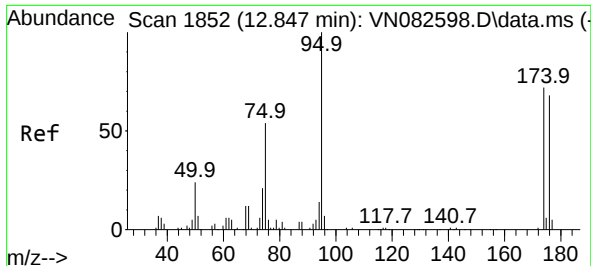
Tgt Ion: 43 Resp: 180832
Ion Ratio Lower Upper
43 100
61 12.0 17.8 26.6#
87 7.2 8.2 12.2#



#50
Toluene-d8
Concen: 54.685 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

Tgt Ion: 98 Resp: 342040
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

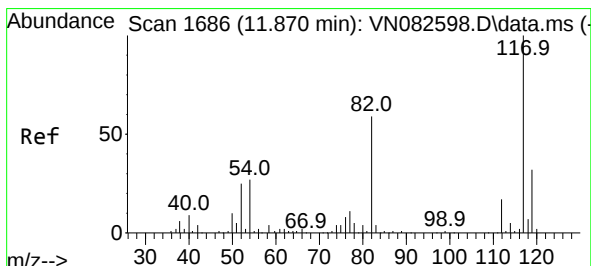
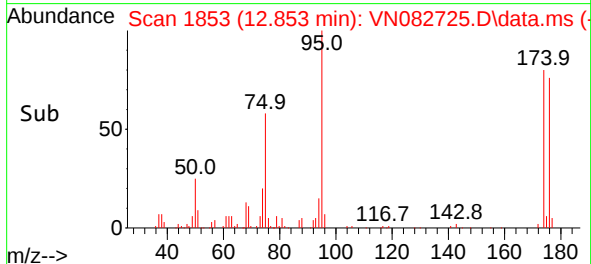
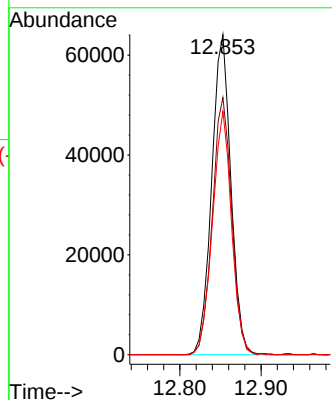
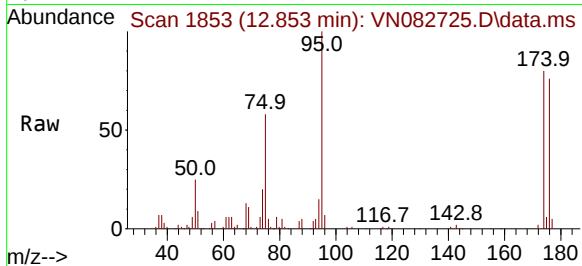




#62
4-Bromofluorobenzene
Concen: 48.663 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

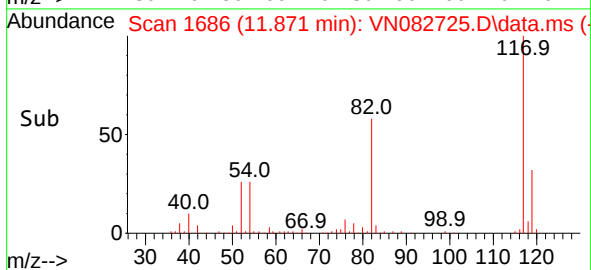
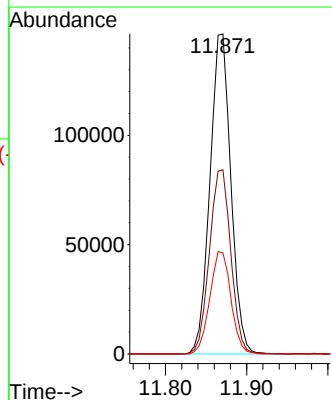
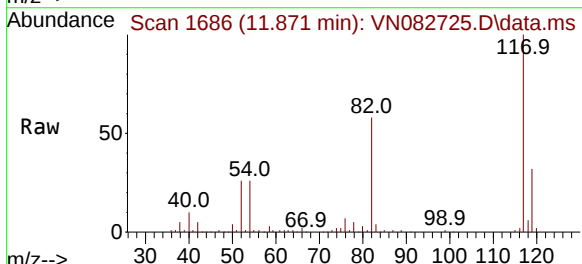
Instrument :
MSVOA_N
ClientSampleId :
ARS20-006

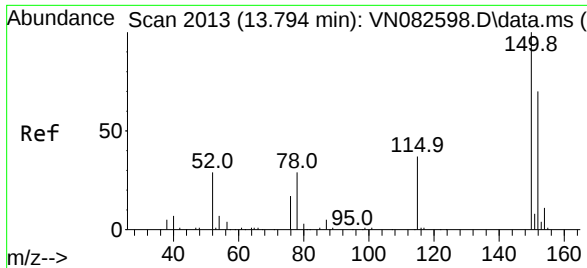
Tgt Ion: 95 Resp: 104937
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.2
176 75.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082725.D
Acq: 25 Jun 2024 18:13

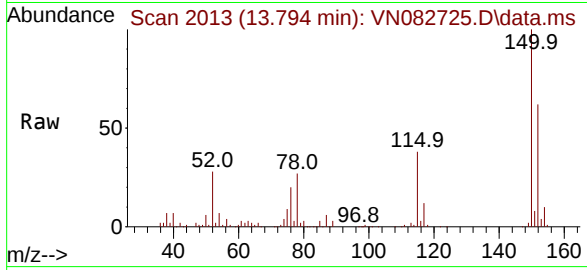
Tgt Ion: 117 Resp: 262059
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082725.D
 Acq: 25 Jun 2024 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-006



Tgt Ion:152 Resp: 101294
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.6 91.6
 150 160.0 0.0 348.6

