

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075927.D
 Acq On : 21 Dec 2022 18:17
 Operator : JC\MD
 Sample : N6168-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1841

Quant Time: Dec 22 03:04:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

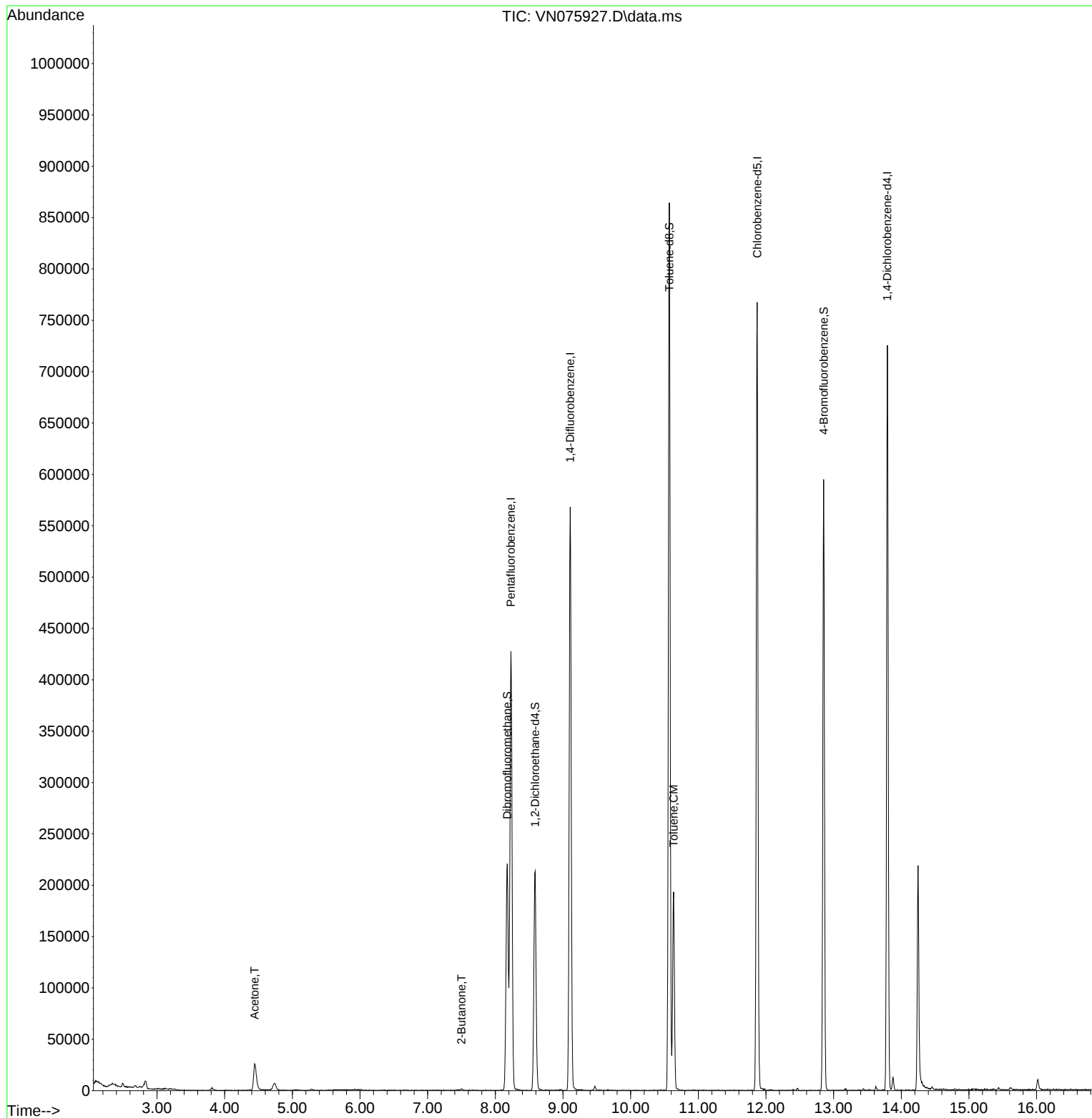
Internal Standards						
1) Pentafluorobenzene	8.229	168	335863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	468141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	171454	46.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.840%
35) Dibromofluoromethane	8.177	113	156382	47.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	10.571	98	611939	49.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.853	95	195538	47.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.520%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	48492	38.499	ug/l	99
25) 2-Butanone	7.500	43	2305	1.307	ug/l	96
52) Toluene	10.635	92	88045	9.977	ug/l	98

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

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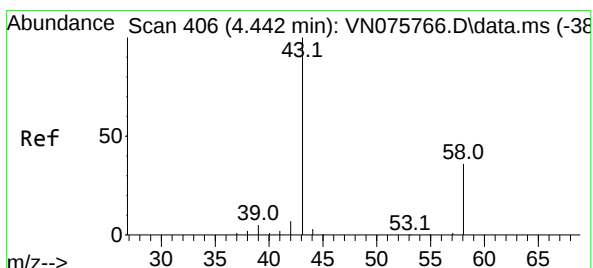
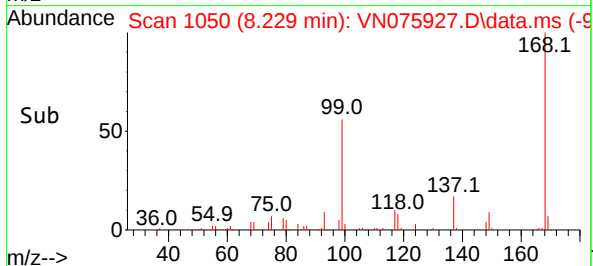
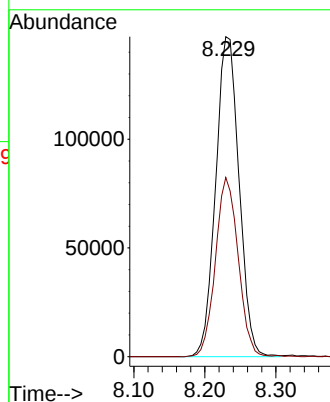
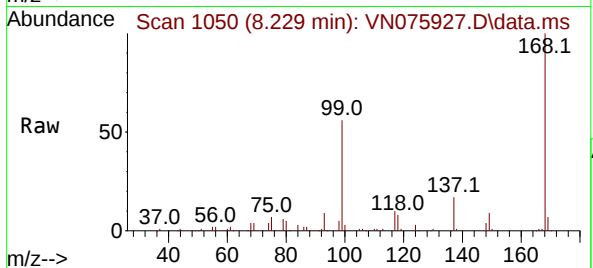




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

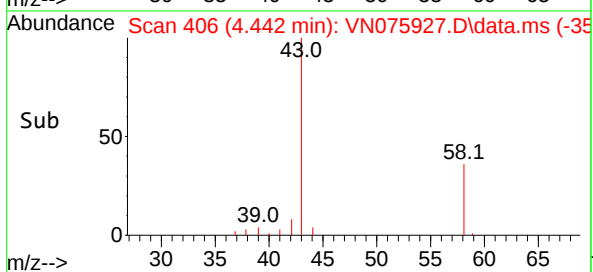
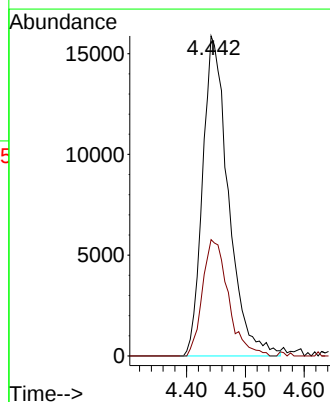
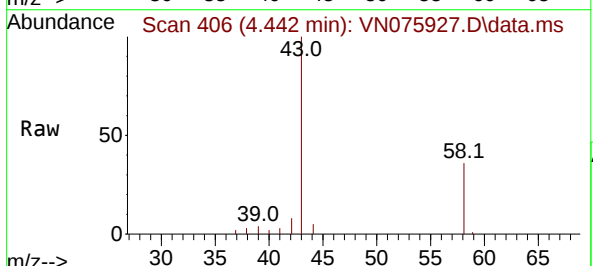
Instrument :
MSVOA_N
ClientSampleId :
AUD-1841

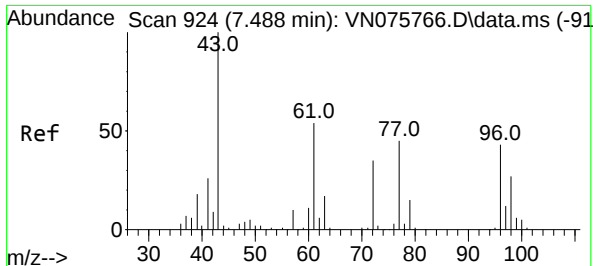
Tgt Ion:168 Resp: 335863
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#16
Acetone
Concen: 38.499 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

Tgt Ion: 43 Resp: 48492
Ion Ratio Lower Upper
43 100
58 36.4 28.6 43.0

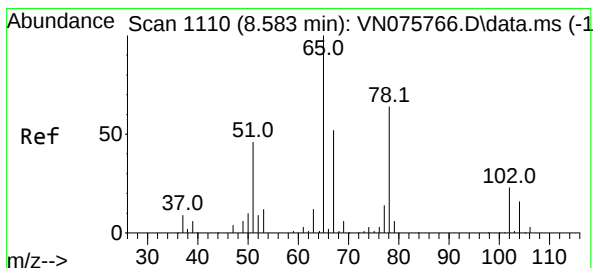
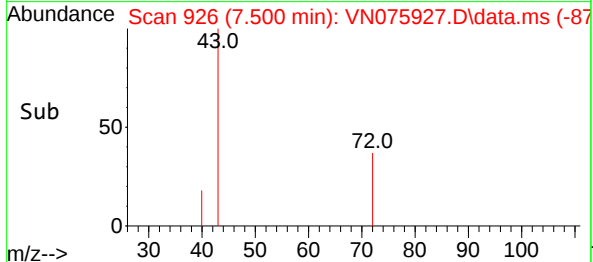
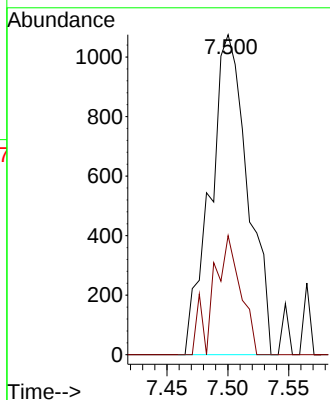
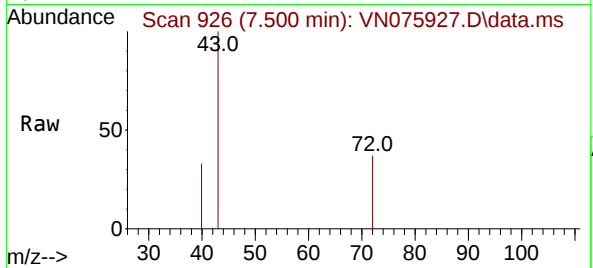




#25
2-Butanone
Concen: 1.307 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

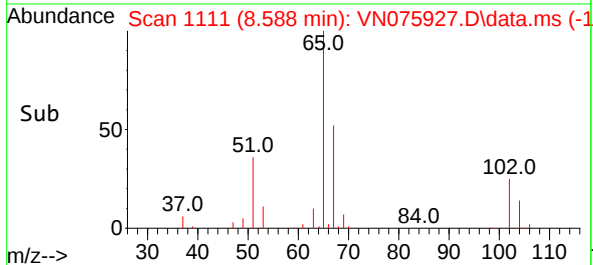
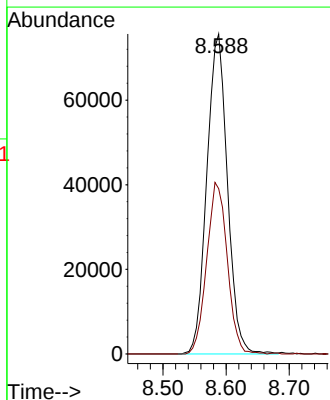
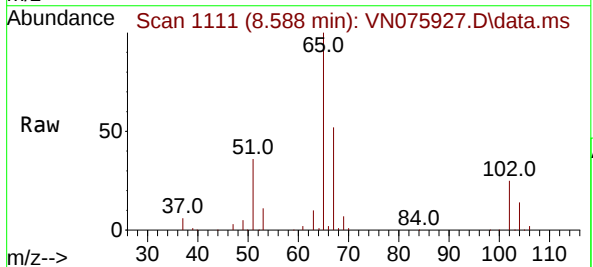
Instrument :
MSVOA_N
ClientSampleId :
AUD-1841

Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
72 37.2 28.0 42.0



#33
1,2-Dichloroethane-d4
Concen: 46.924 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

Tgt Ion: 65 Resp: 171454
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075927.D

Acq: 21 Dec 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

AUD-1841

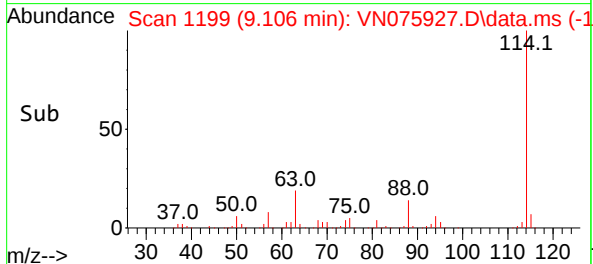
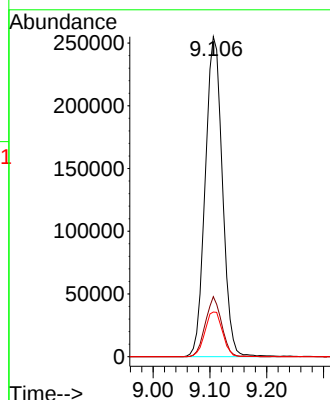
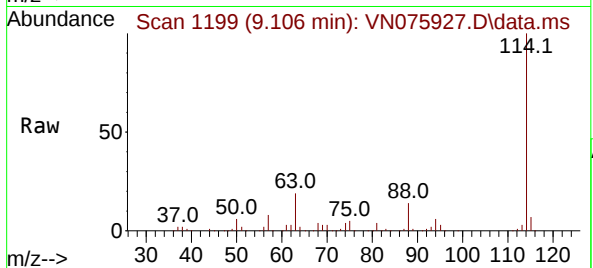
Tgt Ion:114 Resp: 533835

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.4

88 14.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.303 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075927.D

Acq: 21 Dec 2022 18:17

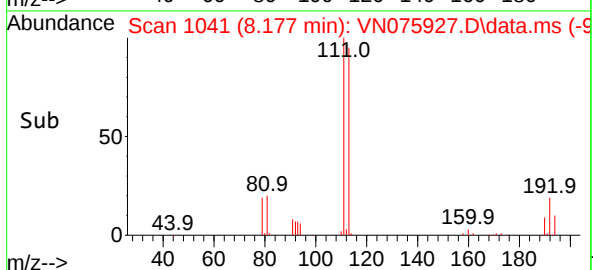
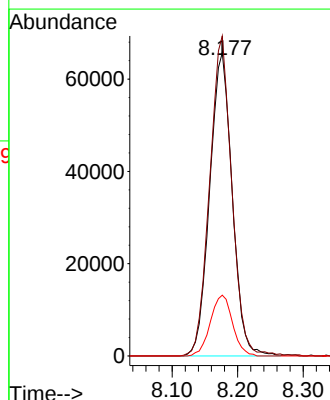
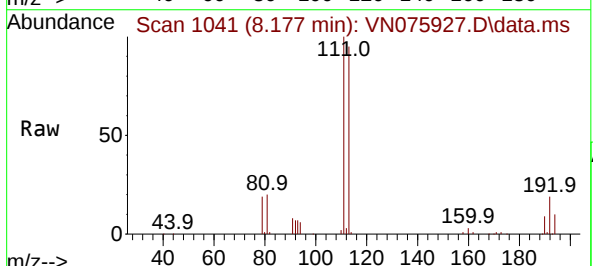
Tgt Ion:113 Resp: 156382

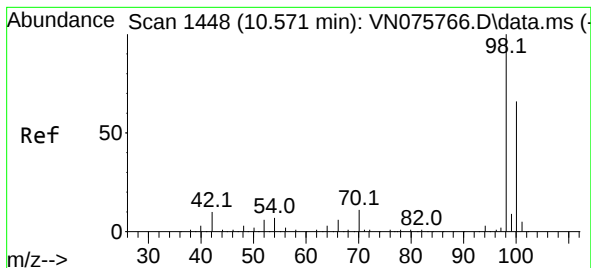
Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

192 19.8 16.1 24.1

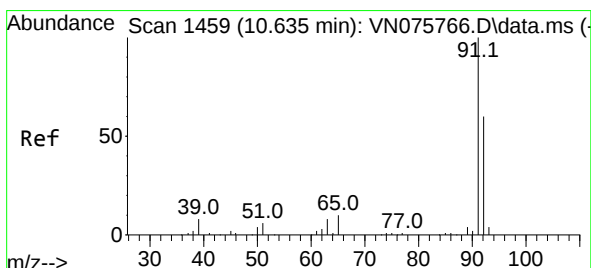
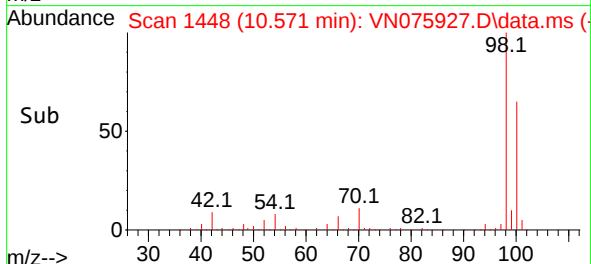
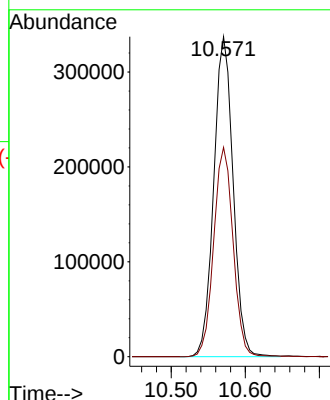
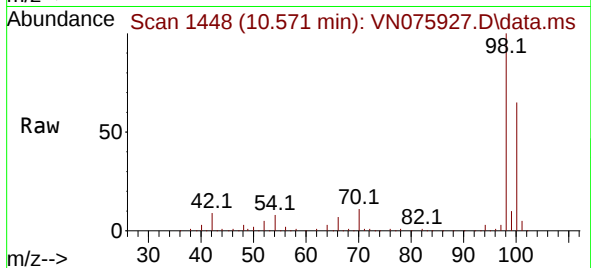




#50
Toluene-d8
Concen: 49.507 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

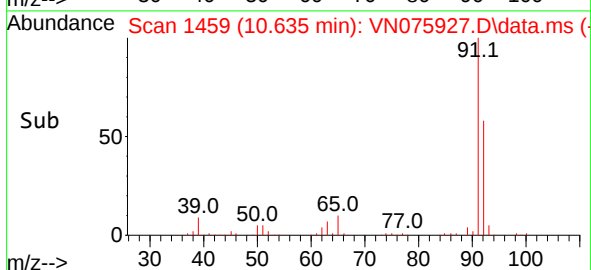
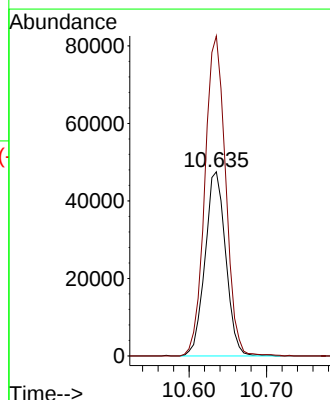
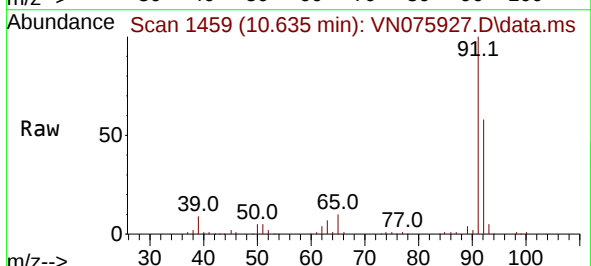
Instrument :
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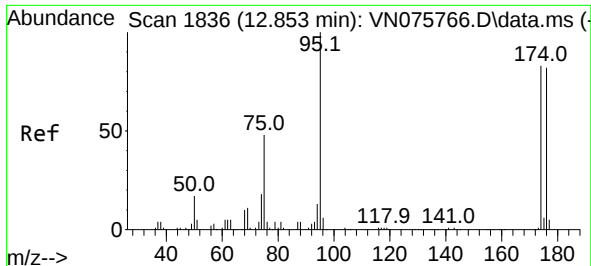
Tgt Ion: 98 Resp: 611939
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#52
Toluene
Concen: 9.977 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

Tgt Ion: 92 Resp: 88045
Ion Ratio Lower Upper
92 100
91 174.4 137.3 205.9

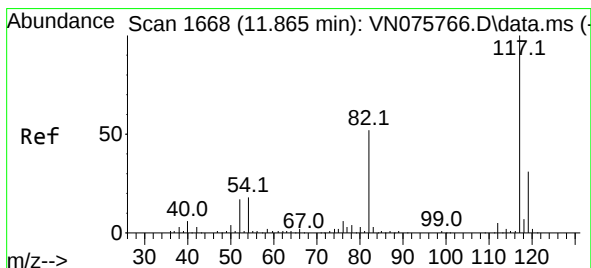
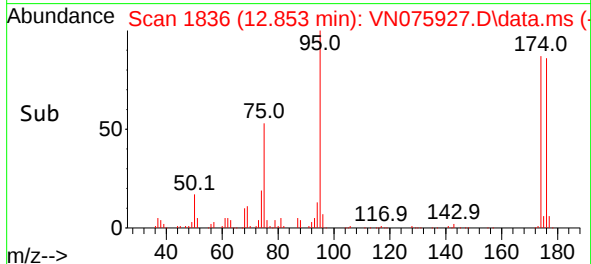
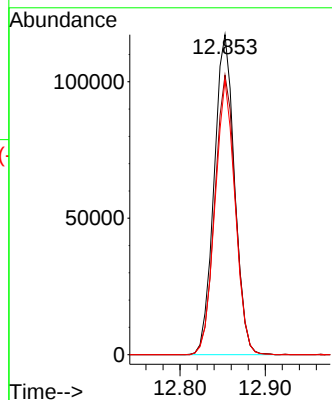
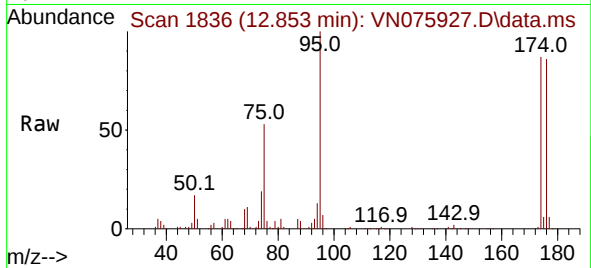




#62
4-Bromofluorobenzene
Concen: 47.762 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

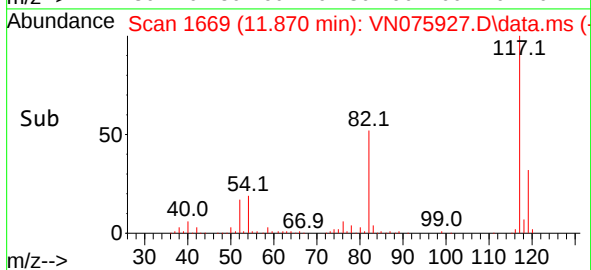
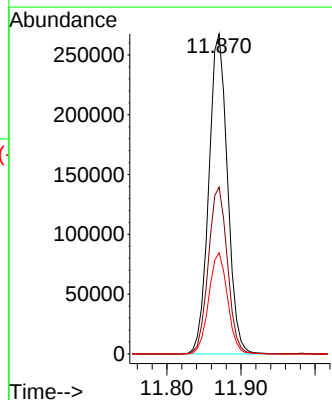
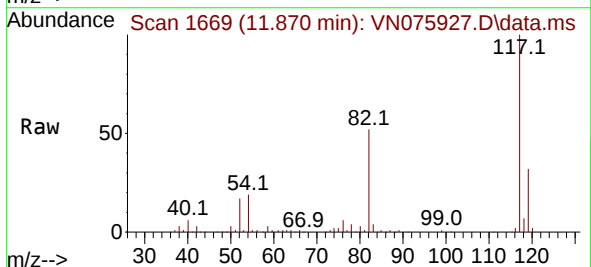
Instrument :
MSVOA_N
ClientSampleId :
AUD-1841

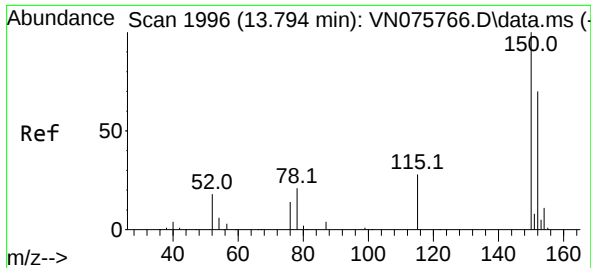
Tgt Ion: 95 Resp: 195538
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 84.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075927.D
Acq: 21 Dec 2022 18:17

Tgt Ion: 117 Resp: 468141
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 31.6 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075927.D

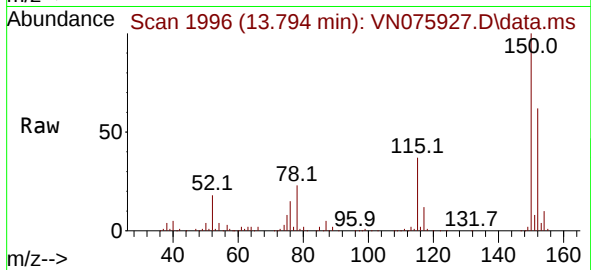
Acq: 21 Dec 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

AUD-1841



Tgt Ion:152 Resp: 206019

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

150 158.8 0.0 347.0

