

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021624\
 Data File : VW034226.D
 Acq On : 16 Feb 2024 18:52
 Operator : SY/MD
 Sample : P1498-16 500X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

Quant Time: Feb 19 00:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 19 00:41:47 2024
 Response via : Initial Calibration

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

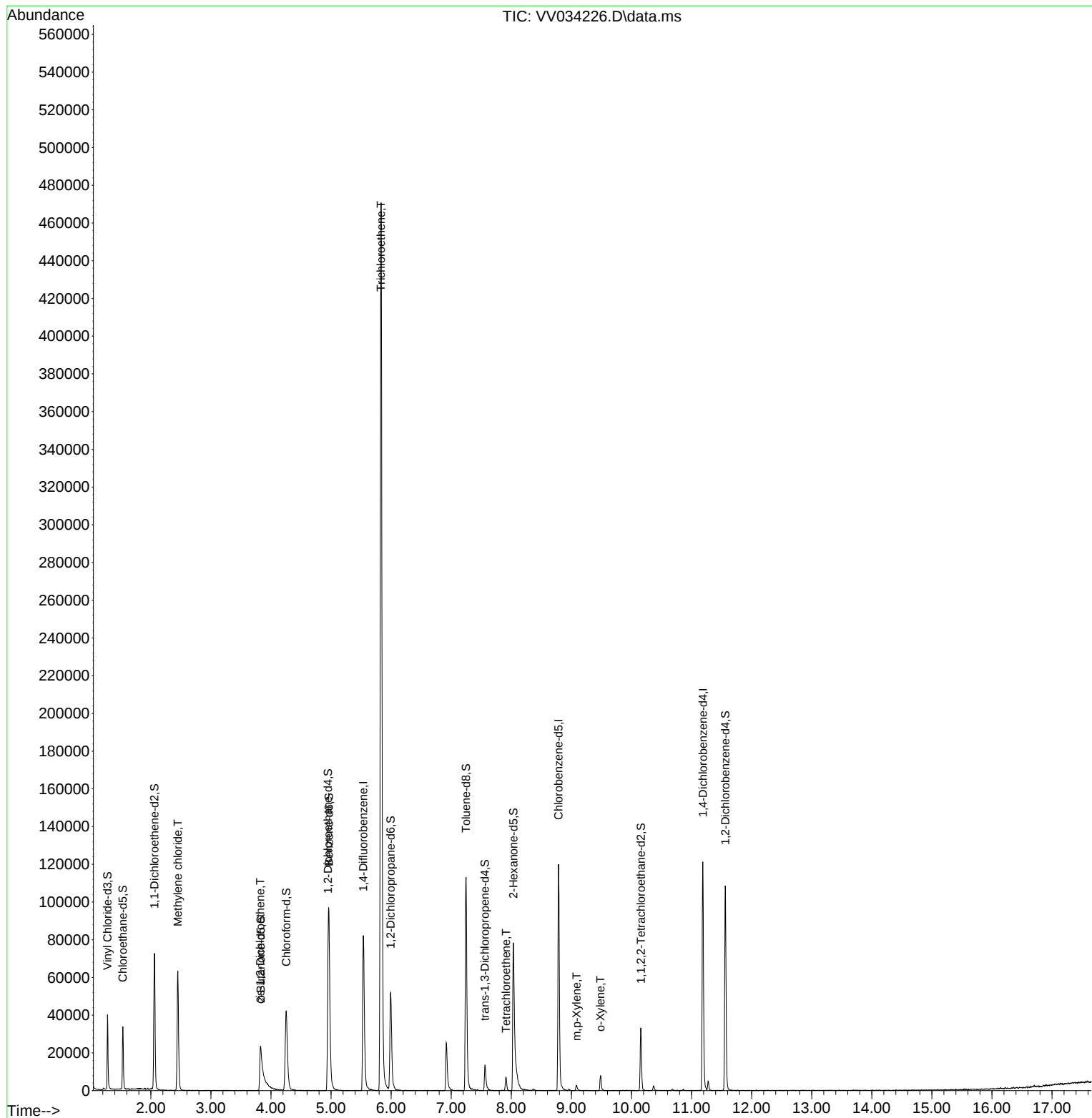
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	71509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	65032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	31882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23911	4.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.532	69	20668	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.060	65	11695	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.831	46	36535	39.280	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.560%
24) Chloroform-d	4.252	84	45382	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.950	65	23252	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.963	84	85529	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.992	67	23573	4.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.246	98	78458	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.561	79	8901	4.322	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.034	63	29329	39.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.780%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	14478	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	27368	4.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	25238	5.265	ug/L	97
22) cis-1,2-Dichloroethene	3.822	96	7412	1.284	ug/L	90
34) Trichloroethene	5.831	95	158084	28.004	ug/L	98
47) Tetrachloroethene	7.911	164	1726	0.376	ug/L	89
53) m,p-Xylene	9.085	106	1107	0.122	ug/L	95
54) o-Xylene	9.484	106	2293	0.262	ug/L	88

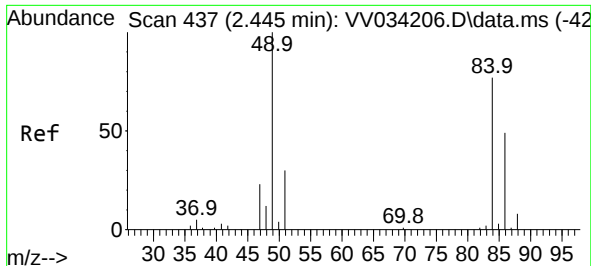
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 00:46:51 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Feb 19 00:41:47 2024
Response via : Initial Calibration

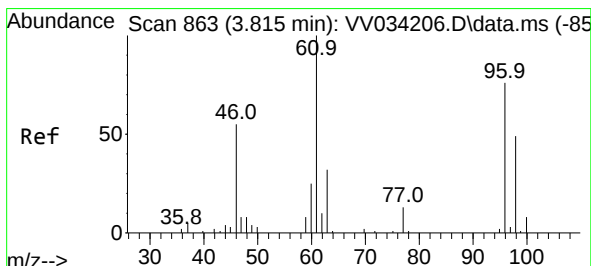
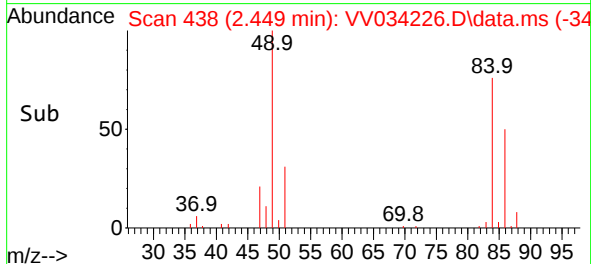
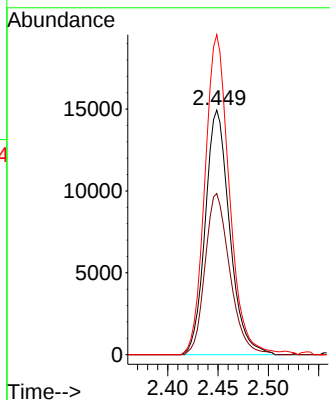
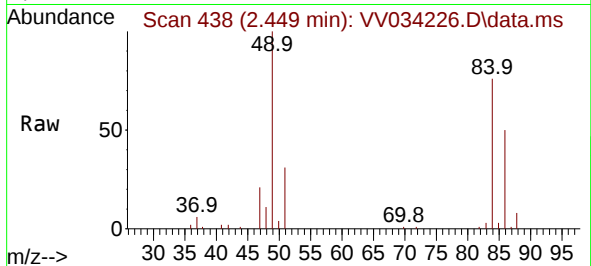




#16
Methylene chloride
Concen: 5.265 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034226.D
Acq: 16 Feb 2024 18:52

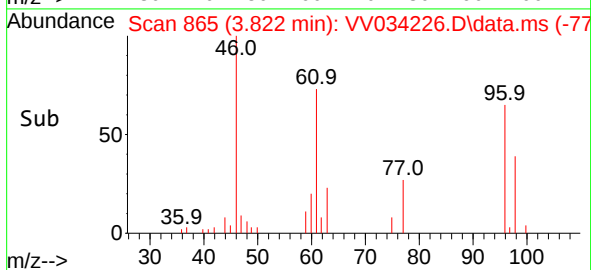
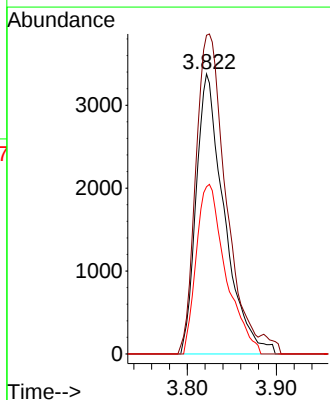
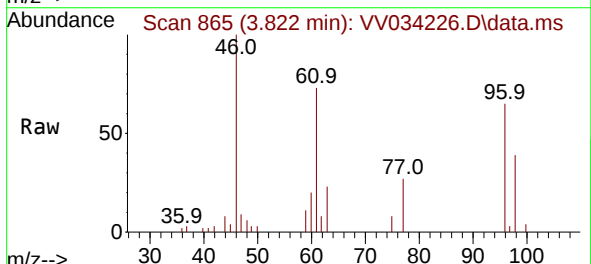
Instrument :
MSVOA_V
ClientSampleId :
C0AH5

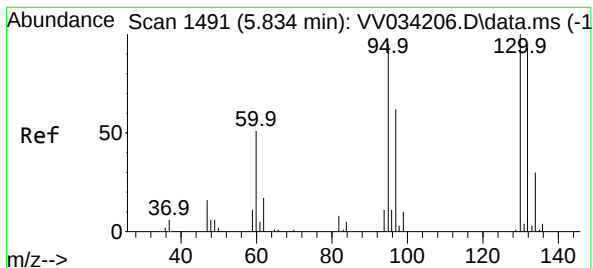
Tgt Ion: 84 Resp: 25238
Ion Ratio Lower Upper
84 100
86 65.9 44.7 83.1
49 130.8 93.7 173.9



#22
cis-1,2-Dichloroethene
Concen: 1.284 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV034226.D
Acq: 16 Feb 2024 18:52

Tgt Ion: 96 Resp: 7412
Ion Ratio Lower Upper
96 100
61 113.8 90.3 167.7
98 59.7 43.2 80.2





#34

Trichloroethene

Concen: 28.004 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034226.D

Acq: 16 Feb 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

C0AH5

Tgt Ion: 95 Resp: 158084

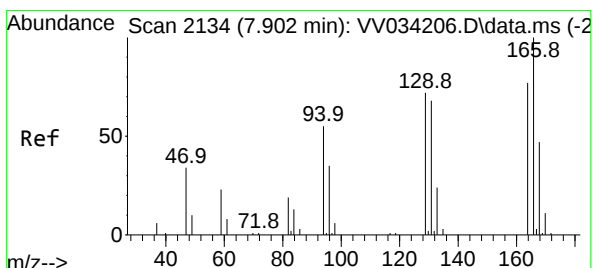
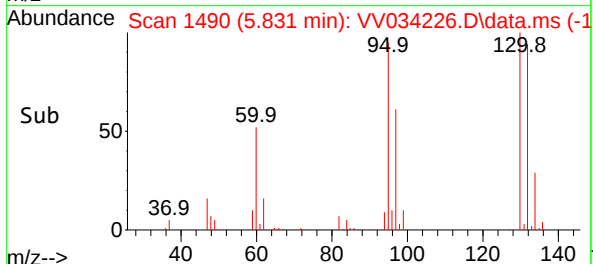
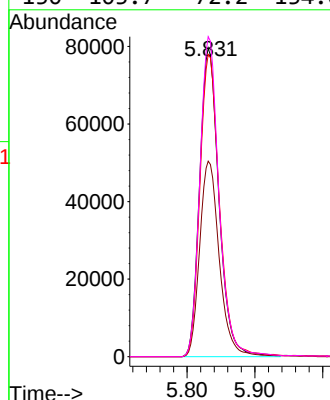
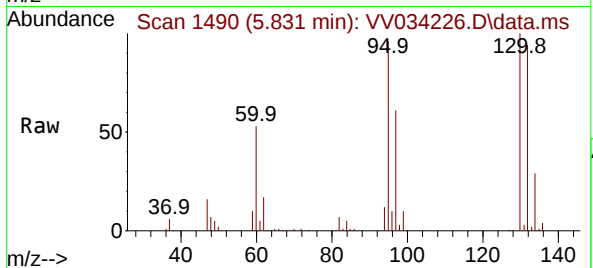
Ion Ratio Lower Upper

95 100

97 63.4 45.1 83.7

132 97.9 66.0 122.6

130 103.7 72.2 134.0



#47

Tetrachloroethene

Concen: 0.376 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.010 min

Lab File: VV034226.D

Acq: 16 Feb 2024 18:52

Tgt Ion:164 Resp: 1726

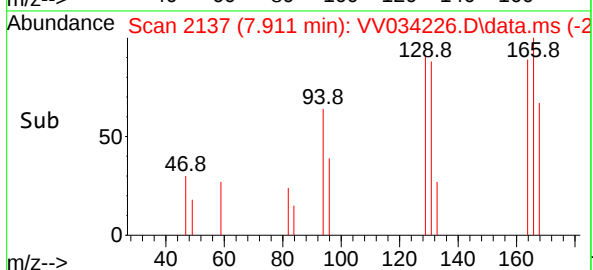
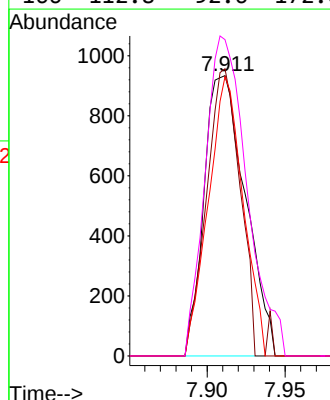
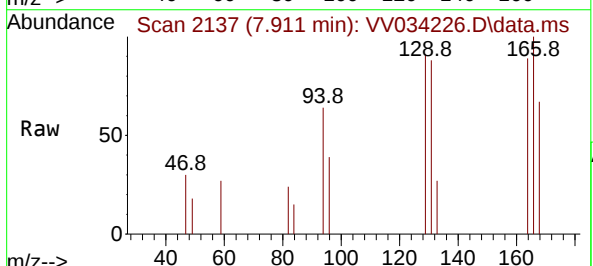
Ion Ratio Lower Upper

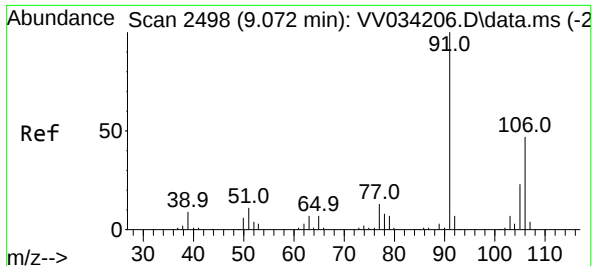
164 100

129 102.5 67.8 125.8

131 99.6 63.0 117.0

166 112.8 92.6 172.0

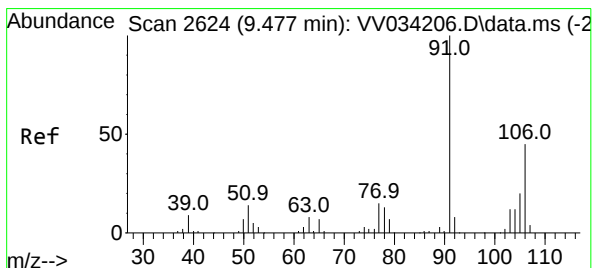
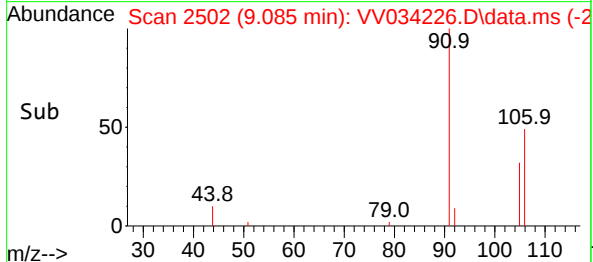
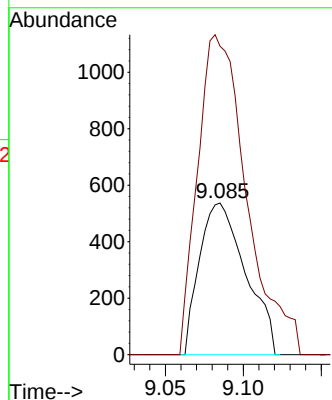
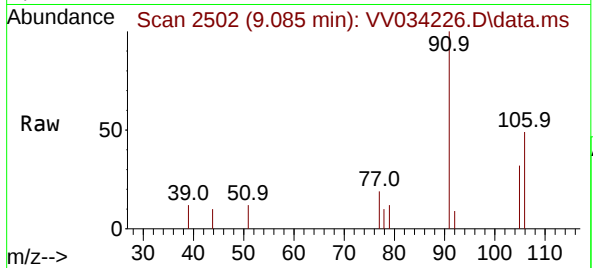




#53
m,p-Xylene
Concen: 0.122 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV034226.D
Acq: 16 Feb 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tgt Ion:106 Resp: 1107
Ion Ratio Lower Upper
106 100
91 203.4 147.5 273.9



#54
o-Xylene
Concen: 0.262 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV034226.D
Acq: 16 Feb 2024 18:52

Tgt Ion:106 Resp: 2293
Ion Ratio Lower Upper
106 100
91 203.3 156.2 290.0

