

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092821\
 Data File : VV022353.D
 Acq On : 27 Sep 2021 23:47
 Operator : SY/MD
 Sample : M3874-13ME
 Misc : 5.54g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 02:47:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:38:12 2021
 Response via : Initial Calibration

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

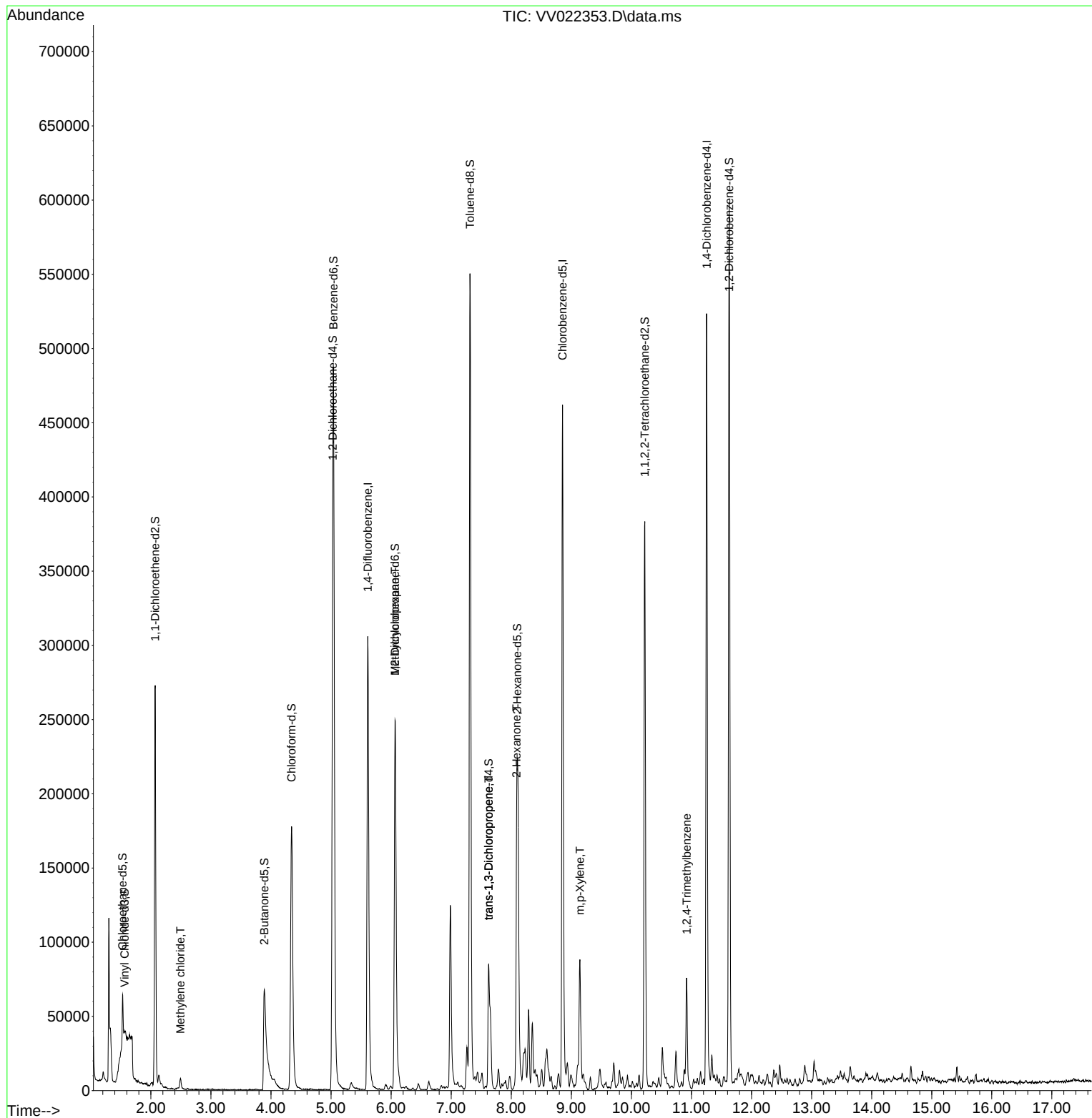
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	283332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	274602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	139250	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.564	65	89	0.037	ug/L	0.26
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.080%#
7) Chloroethane-d5	1.529	69	22977	12.081	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	24.160%#
11) 1,1-Dichloroethene-d2	2.072	63	142717	34.138	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.280%
21) 2-Butanone-d5	3.889	46	152154	89.663	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.660%
24) Chloroform-d	4.342	84	194688	44.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
26) 1,2-Dichloroethane-d4	5.027	65	125748	47.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	5.040	84	415978	48.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
36) 1,2-Dichloropropane-d6	6.066	67	132808	48.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.100%
41) Toluene-d8	7.313	98	369701	46.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
43) trans-1,3-Dichloroprop...	7.622	79	54559	43.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.460%
47) 2-Hexanone-d5	8.101	63	117903	104.990	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.990%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	189907	47.337	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.680%
66) 1,2-Dichlorobenzene-d4	11.628	152	155729	50.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.580%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.494	84	2936	1.130	ug/L	89
35) Methylcyclohexane	6.066	83	32036	9.649	ug/L #	20
44) trans-1,3-Dichloropropene	7.622	75	2156	0.713	ug/L	85
48) 2-Hexanone	8.088	43	22982	10.000	ug/L #	40
53) m,p-Xylene	9.143	106	23034	6.384	ug/L	95
63) 1,2,4-Trimethylbenzene	10.921	105	36905	5.174	ug/L	99

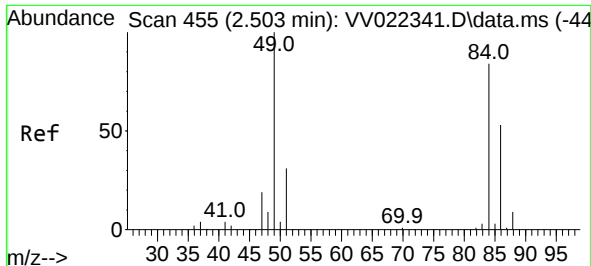
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : VOC Analysis
QLast Update : Tue Sep 28 02:38:12 2021
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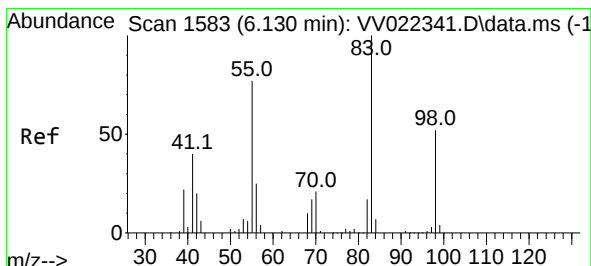
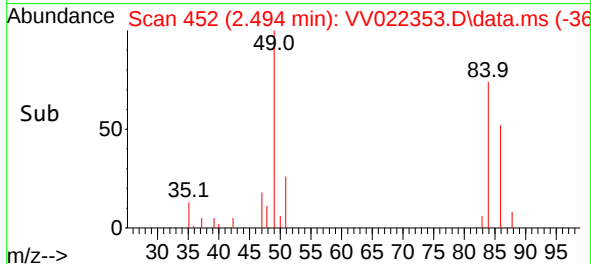
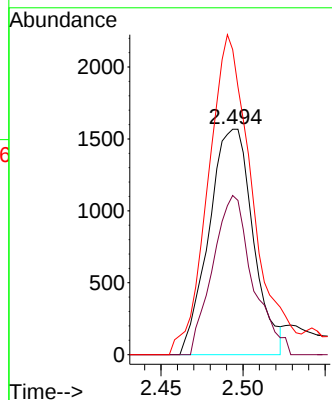
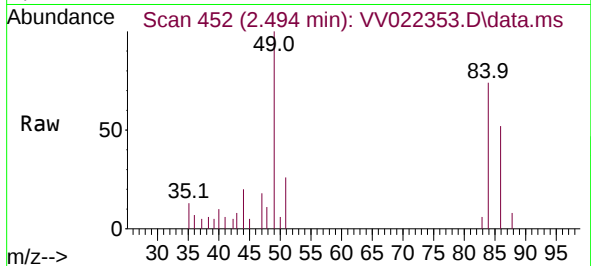




#16
Methylene chloride
Concen: 1.130 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.010 min
Lab File: VV022353.D
Acq: 27 Sep 2021 23:47

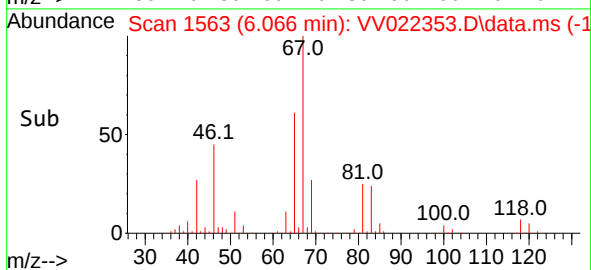
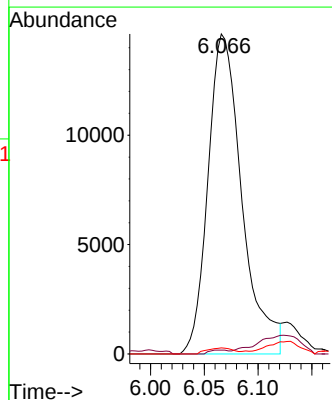
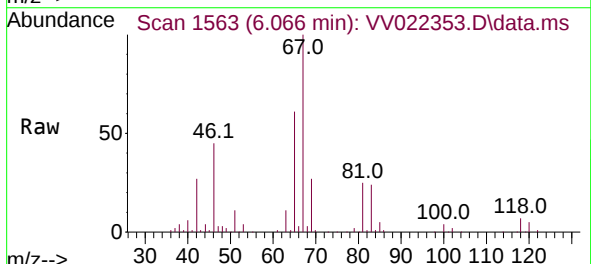
Instrument :
MSVOA_V
ClientSampled :

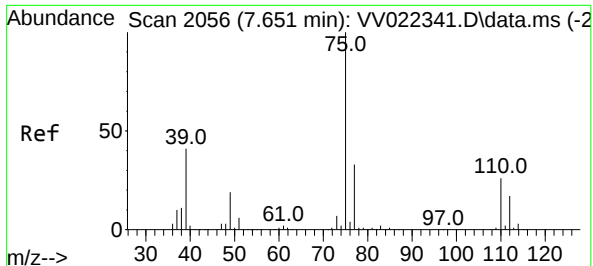
Tgt Ion:	84	Resp:	2936
Ion	Ratio	Lower	Upper
84	100		
86	70.6	44.6	82.8
49	135.3	85.3	158.3



#35
Methylcyclohexane
Concen: 9.649 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV022353.D
Acq: 27 Sep 2021 23:47

Tgt Ion:	83	Resp:	32036
Ion	Ratio	Lower	Upper
83	100		
55	0.5	58.6	87.8#
98	1.4	39.2	58.8#

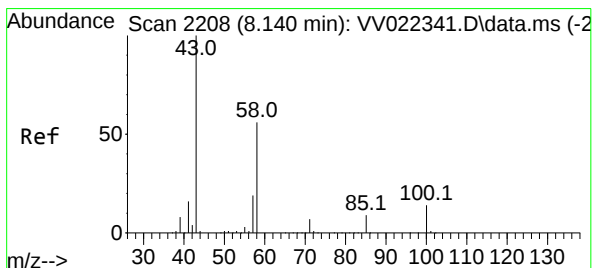
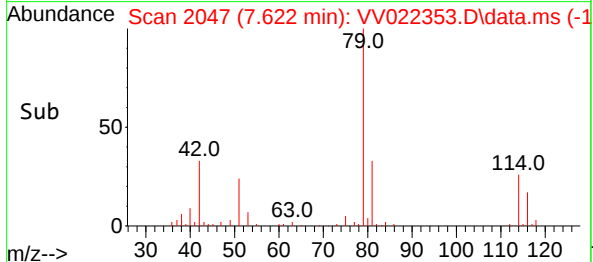
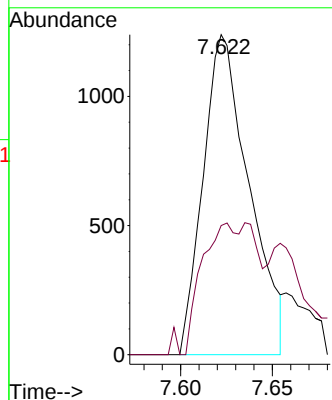
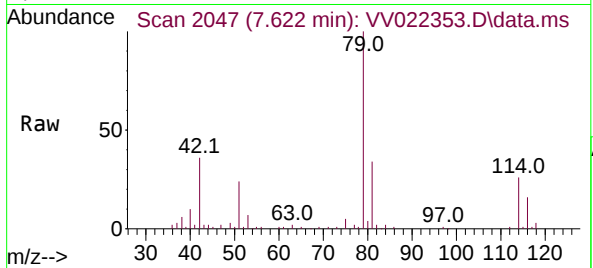




#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022353.D
Acq: 27 Sep 2021 23:47

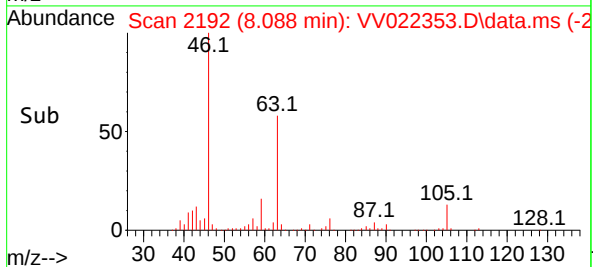
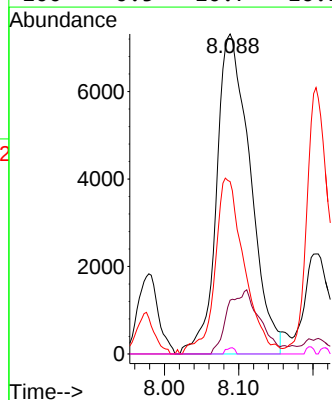
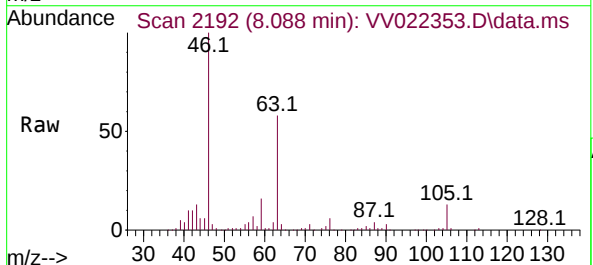
Instrument :
MSVOA_V
ClientSampled :

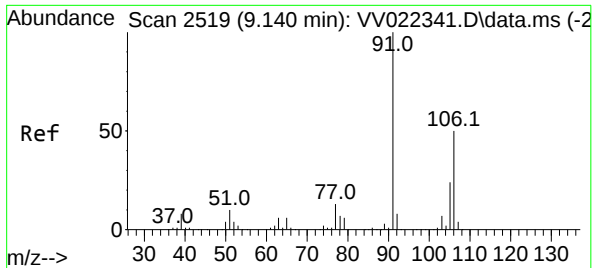
Tgt Ion: 75 Resp: 2156
Ion Ratio Lower Upper
75 100
77 40.4 22.3 41.3



#48
2-Hexanone
Concen: 10.000 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV022353.D
Acq: 27 Sep 2021 23:47

Tgt Ion: 43 Resp: 22982
Ion Ratio Lower Upper
43 100
58 5.9 45.4 68.2#
57 41.3 15.0 22.4#
100 0.5 10.7 16.1#

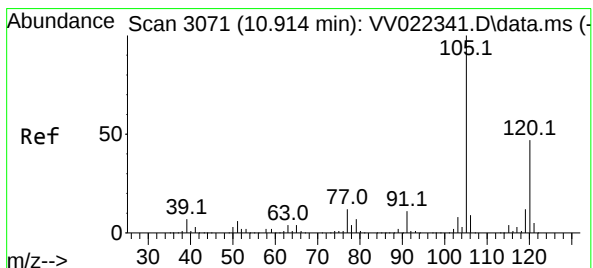
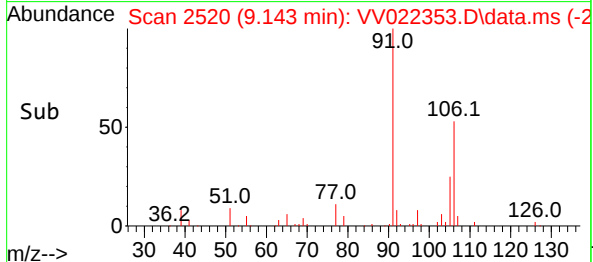
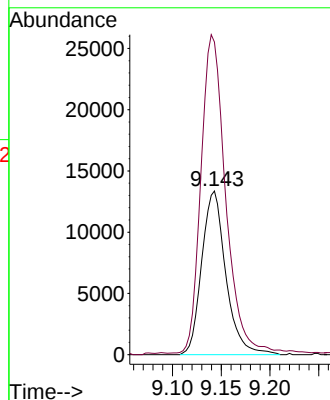
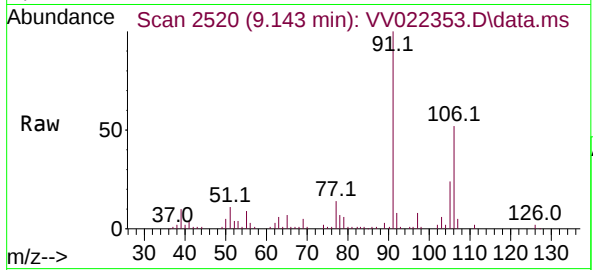




#53
m,p-Xylene
Concen: 6.384 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022353.D
Acq: 27 Sep 2021 23:47

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:106 Resp: 23034
Ion Ratio Lower Upper
106 100
91 190.9 139.2 258.6



#63
1,2,4-Trimethylbenzene
Concen: 5.174 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.007 min
Lab File: VV022353.D
Acq: 27 Sep 2021 23:47

Tgt Ion:105 Resp: 36905
Ion Ratio Lower Upper
105 100
120 46.1 37.3 55.9

