Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
Data File : VU050299.D
Acq On : 12 Aug 2022 22:56
Operator : SY/MD
Sample : N4115-20 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5E06

Quant Time: Aug 13 01:25:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 01:20:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33347	4.422	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.400%			
7) Chloroethane-d5	1.909	69	29588	4.863	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.565	65	11936	4.050	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.000%			
20) 2-Butanone-d5	4.626	46	94960	51.639	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.280%			
24) Chloroform-d	5.063	84	63875	4.554	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	5.703	65	34485	4.788	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.729	84	118305	4.158	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	6.690	67	42789	4.567	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.400%			
41) Toluene-d8	7.899	98	88273	3.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.200%			
43) trans-1,3-Dichloroprop...	8.182	79	13211	3.935	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.600%			
46) 2-Hexanone-d5	8.636	63	61942	52.024	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.040%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36727	4.464	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	32253	4.651	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.000%			
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2300	0.212	ug/L	93
14) Carbon disulfide	2.790	76	4972	0.222	ug/L	99
16) Methylene chloride	3.041	84	3422	0.358	ug/L	95
52) Ethylbenzene	9.571	91	3872	0.124	ug/L	97
53) m,p-Xylene	9.693	106	5237	0.455	ug/L	93
54) o-Xylene	10.102	106	1448	0.126	ug/L	99

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

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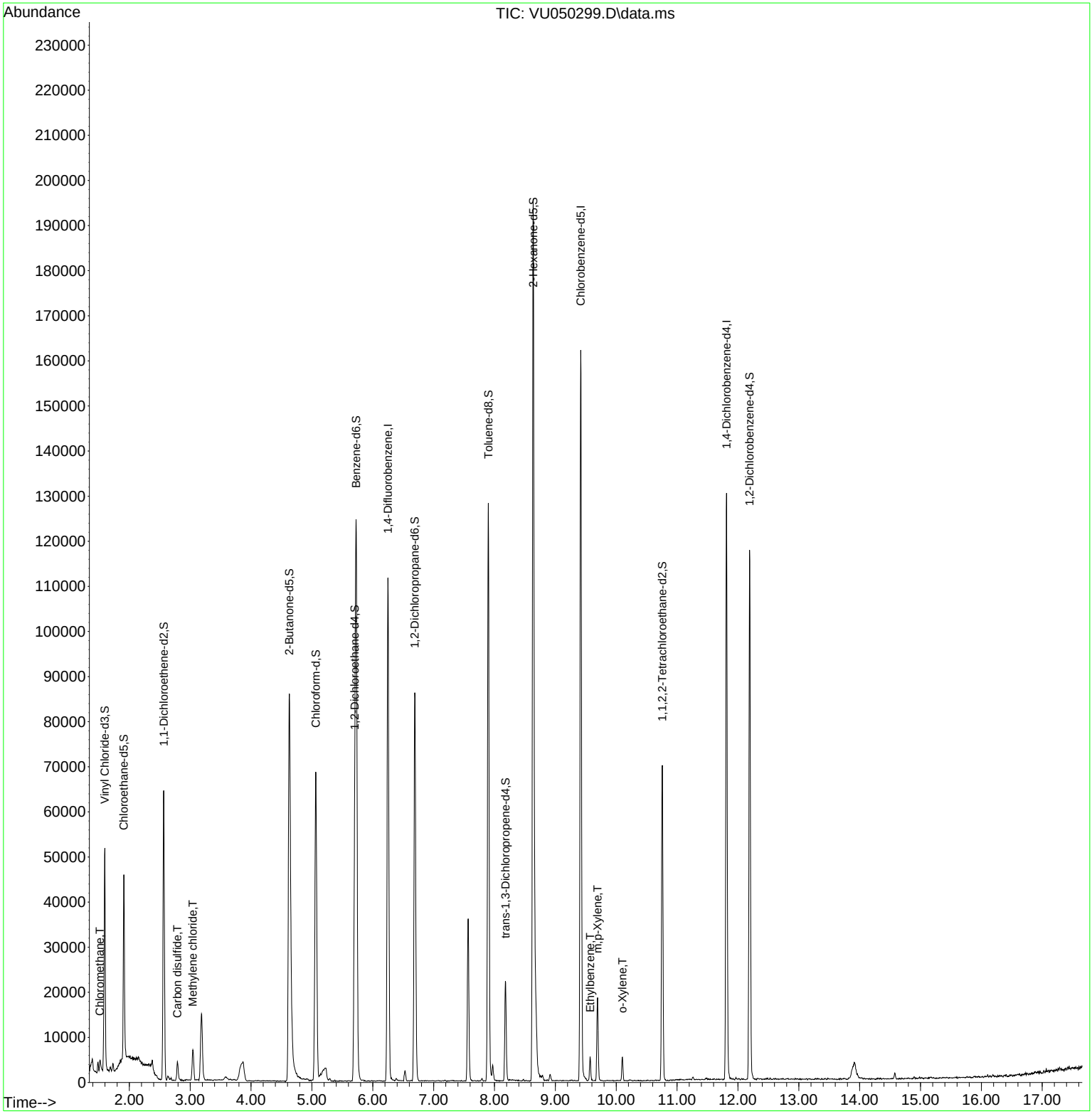
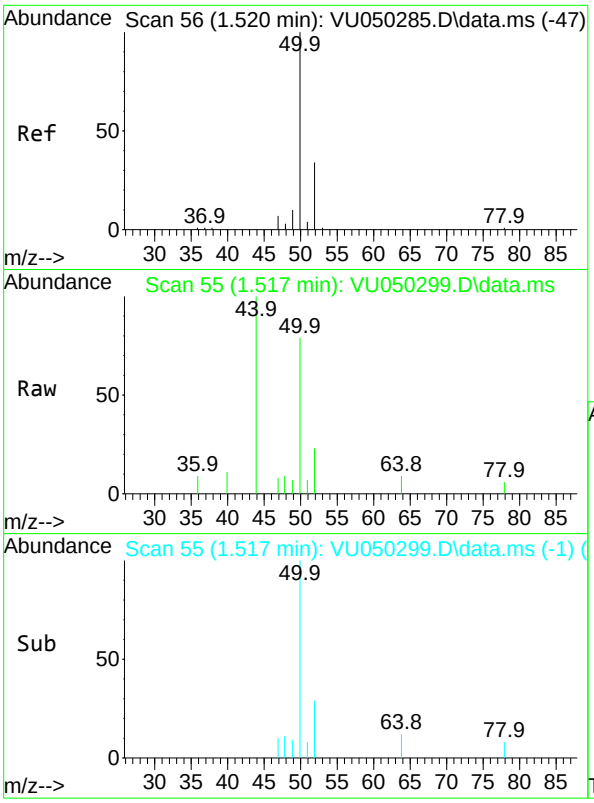


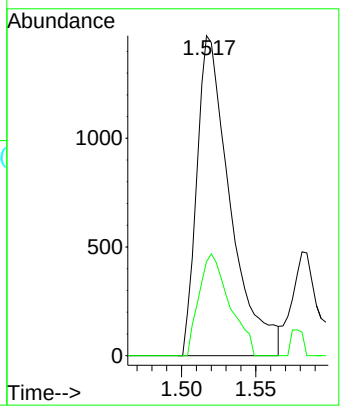


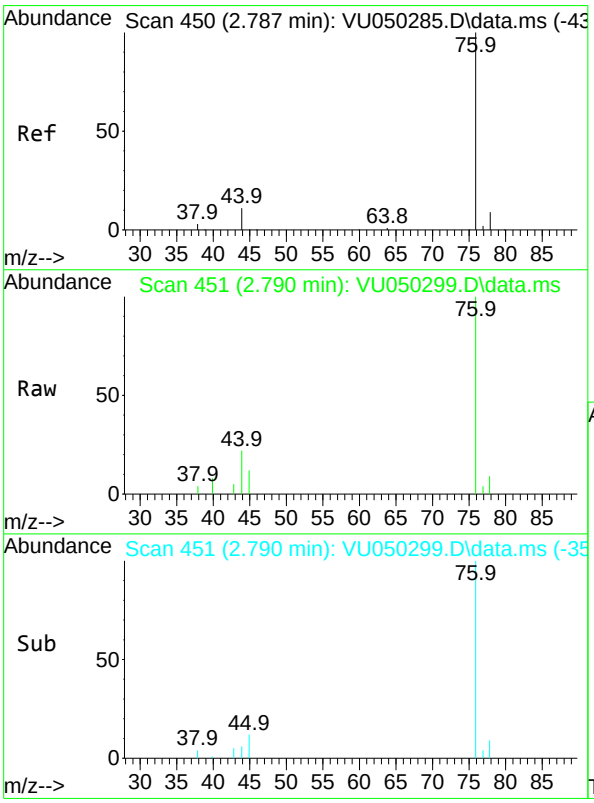
#3
Chloromethane
Concen: 0.212 ug/L
RT: 1.517 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Instrument :
MSVOA_U
ClientSampleId :
F5E06

Tgt Ion: 50 Resp: 2300

Ion	Ratio	Lower	Upper
50	100		
52	29.4	23.2	43.2

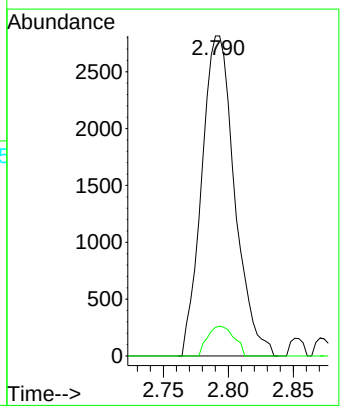


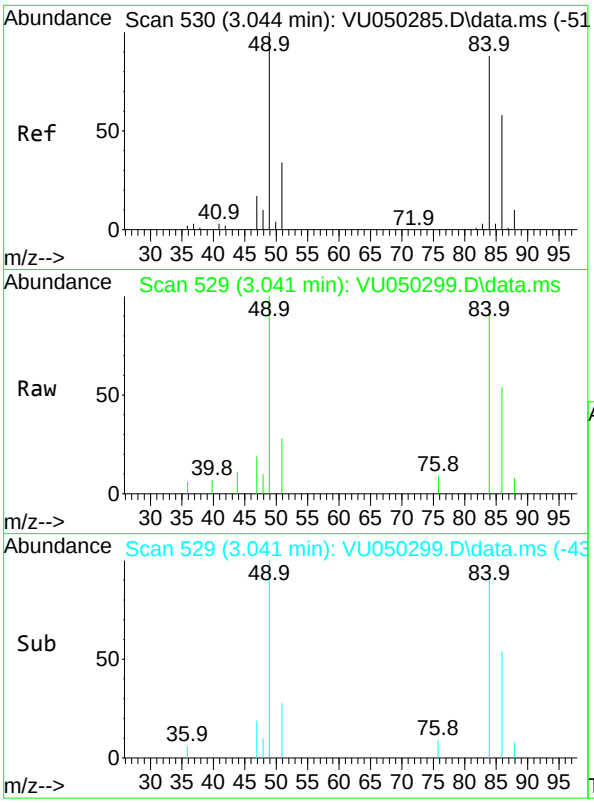


#14
Carbon disulfide
Concen: 0.222 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Tgt Ion: 76 Resp: 4972

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



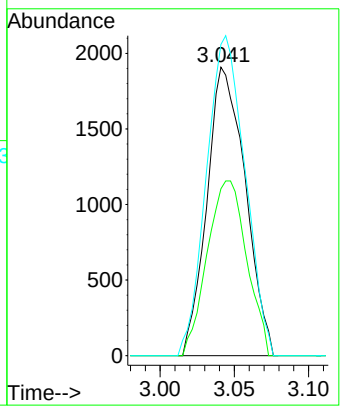


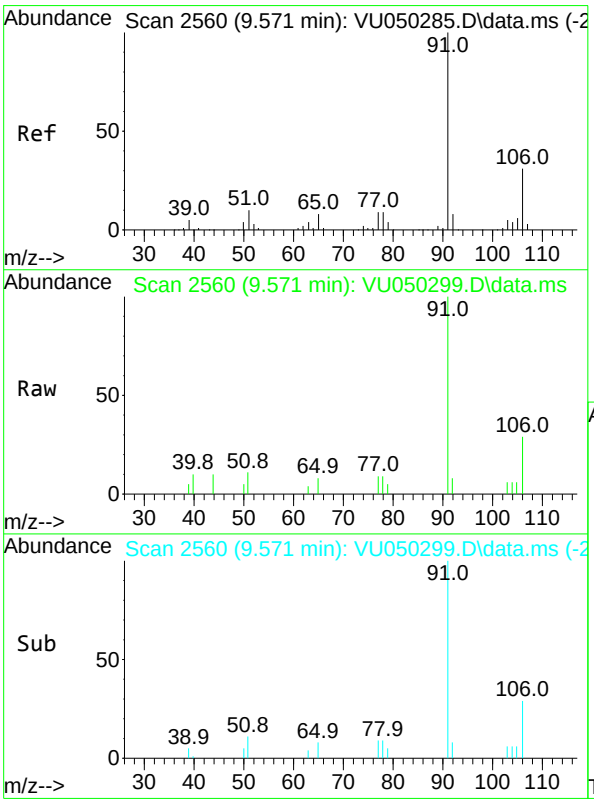
#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.041 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Instrument :
MSVOA_U
ClientSampleId :
F5E06

Tgt Ion: 84 Resp: 3422

Ion	Ratio	Lower	Upper
84	100		
86	57.9	45.9	85.3
49	107.9	77.6	144.0

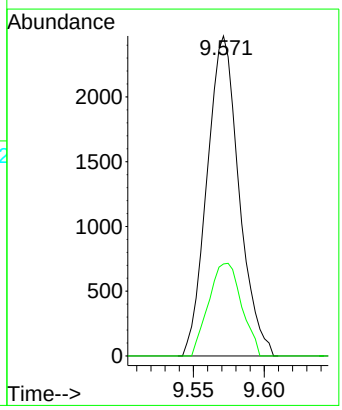


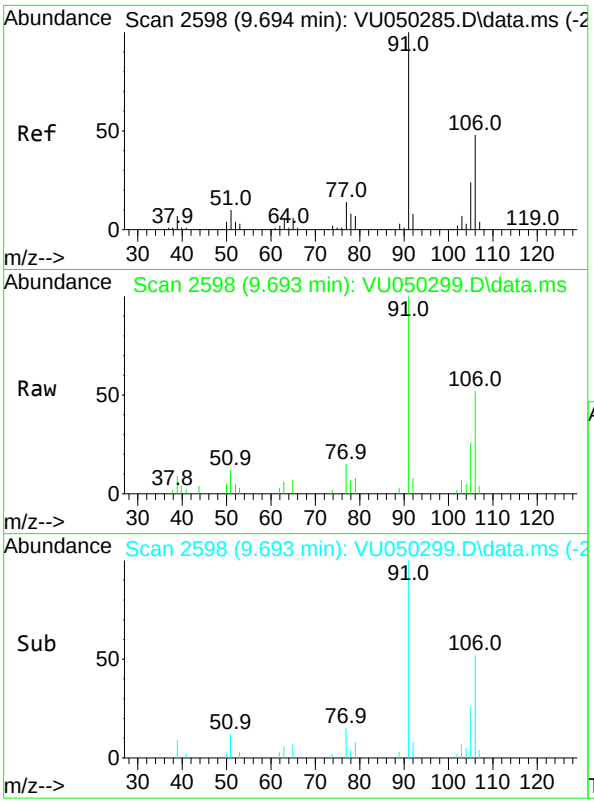


#52
Ethylbenzene
Concen: 0.124 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Tgt Ion: 91 Resp: 3872

Ion	Ratio	Lower	Upper
91	100		
106	28.8	21.3	39.5



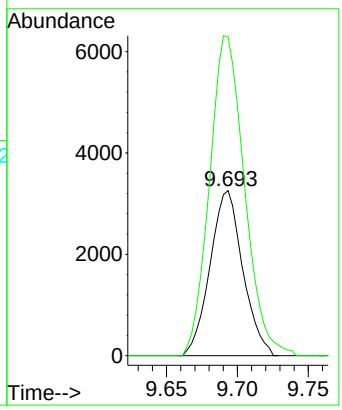


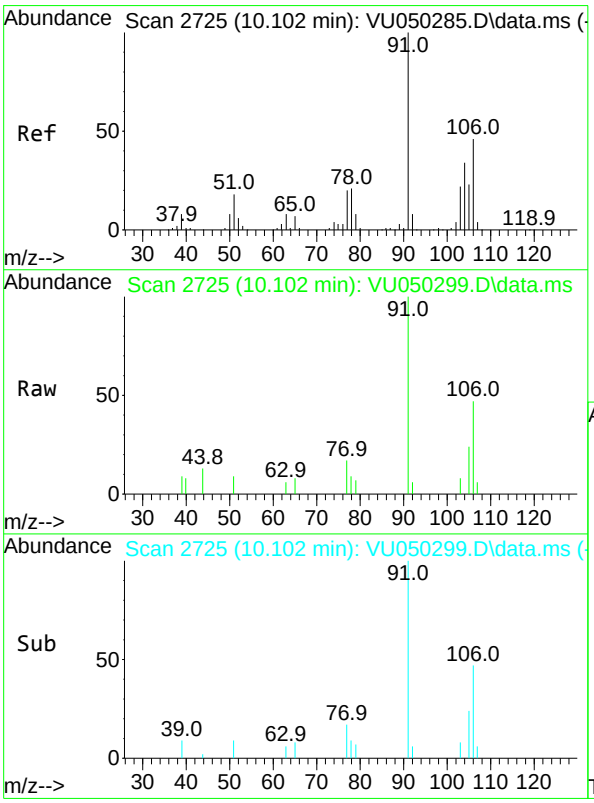
#53
m,p-Xylene
Concen: 0.455 ug/L
RT: 9.693 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Instrument :
MSVOA_U
ClientSampleId :
F5E06

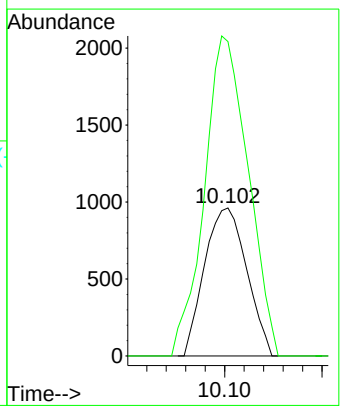
Tgt Ion:106 Resp: 5237

Ion	Ratio	Lower	Upper
106	100		
91	193.0	143.1	265.9





#54
o-Xylene
Concen: 0.126 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050299.D
Acq: 12 Aug 2022 22:56

Tgt Ion:106 Resp: 1448

Ion	Ratio	Lower	Upper
106	100		
91	212.4	149.4	277.4