

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045166.D
 Acq On : 05 Oct 2021 23:56
 Operator : SY/MD
 Sample : M3996-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A42

Quant Time: Oct 06 04:39:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

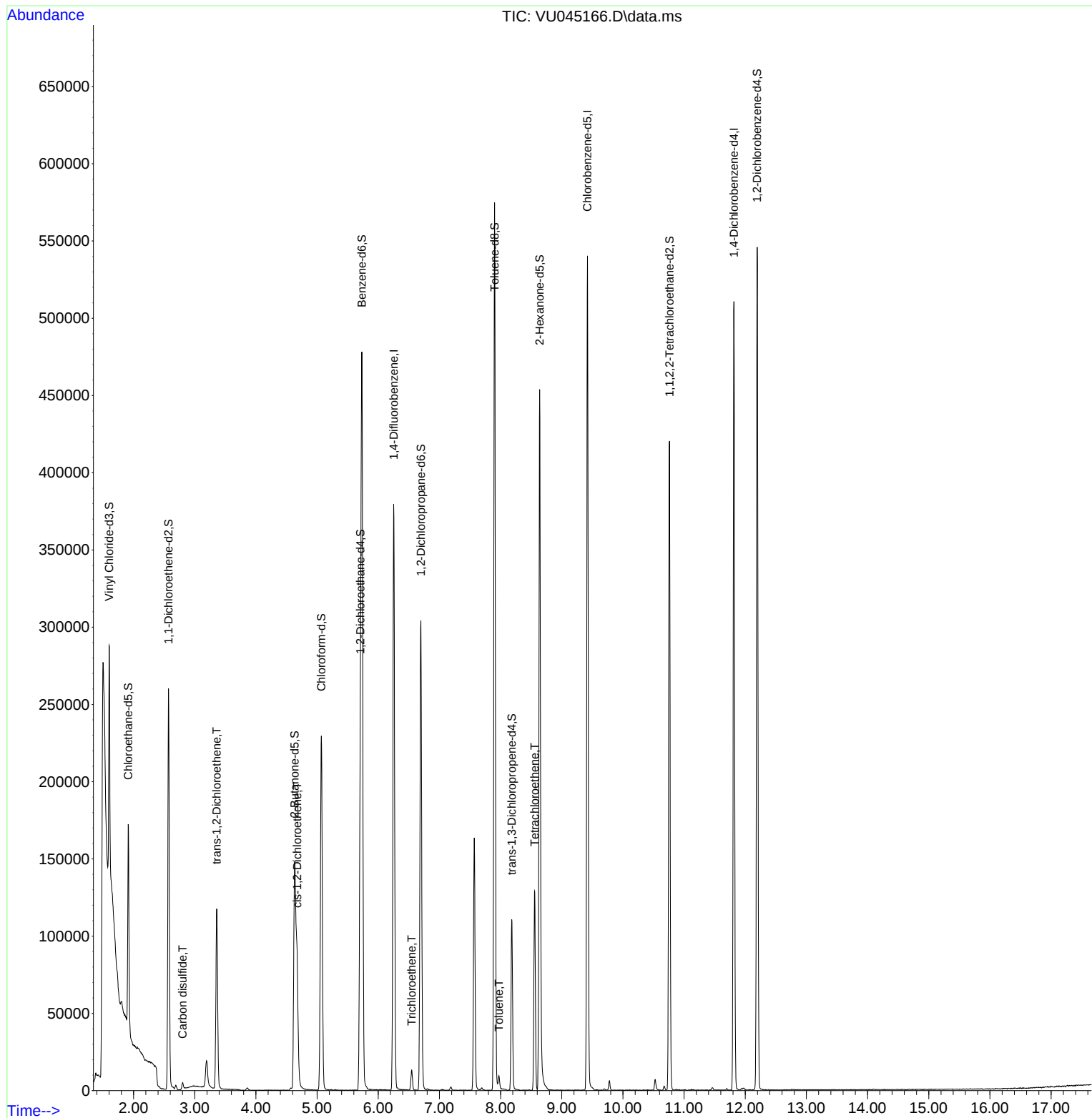
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	294842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	282064	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	127069	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107273	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.48%
7) Chloroethane-d5	1.912	69	99055	38.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.46%
11) 1,1-Dichloroethene-d2	2.571	63	155733	28.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.46%#
21) 2-Butanone-d5	4.633	46	233793	91.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.62%
24) Chloroform-d	5.070	84	207651	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.706	65	147105	42.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.20%
32) Benzene-d6	5.732	84	425006	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
36) 1,2-Dichloropropane-d6	6.697	67	137625	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.24%
41) Toluene-d8	7.902	98	367576	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%
43) trans-1,3-Dichloroprop...	8.182	79	60739	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.58%
47) 2-Hexanone-d5	8.639	63	162692	91.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.99%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	209844	42.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.46%
66) 1,2-Dichlorobenzene-d4	12.195	152	132483	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.800	76	6606	0.90	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	47229	19.64	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	29374	11.08	ug/L	92
34) Trichloroethene	6.546	95	4136	1.65	ug/L	94
42) Toluene	7.973	91	5694	0.54	ug/L	88
46) Tetrachloroethene	8.555	164	27280	15.19	ug/L	98

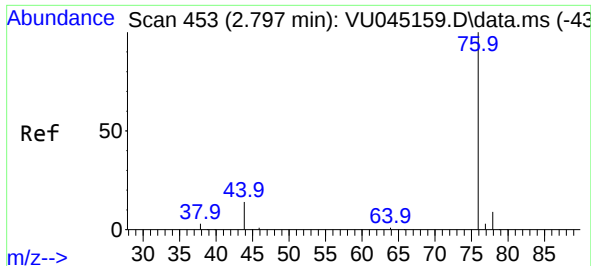
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045166.D
Acq On : 05 Oct 2021 23:56
Operator : SY/MD
Sample : M3996-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A42

Quant Time: Oct 06 04:39:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

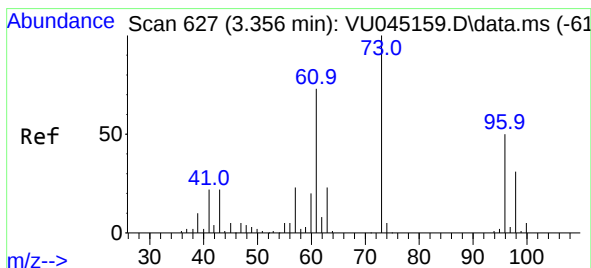
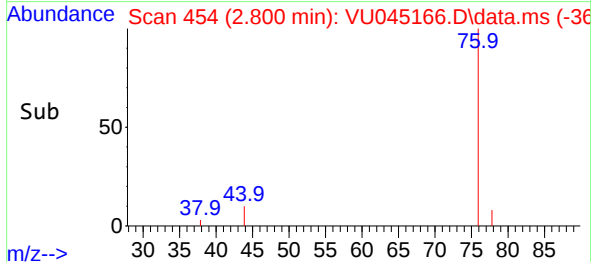
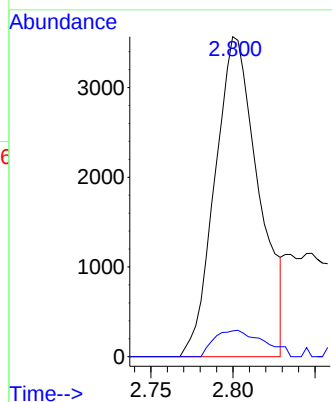
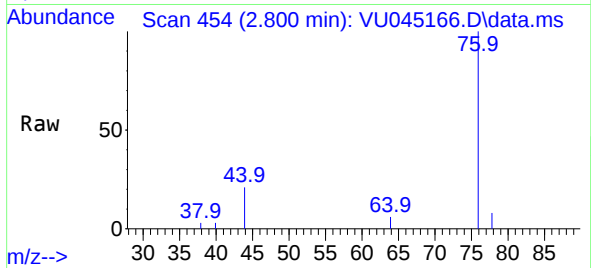




#14
Carbon disulfide
Concen: 0.90 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

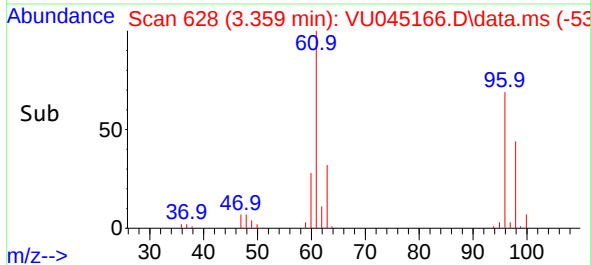
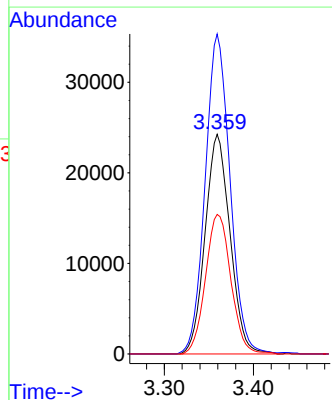
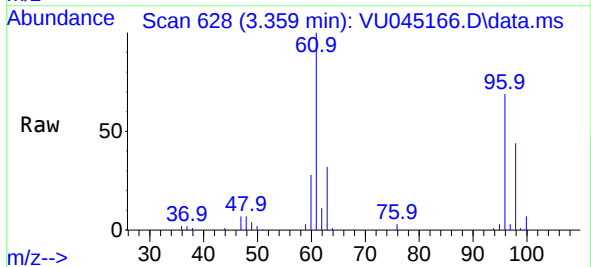
Instrument :
MSVOA_U
ClientSampleId :
F4A42

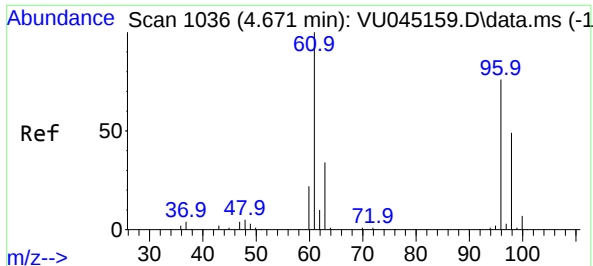
Tgt Ion: 76 Resp: 6606
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#17
trans-1,2-Dichloroethene
Concen: 19.64 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Tgt Ion: 96 Resp: 47229
Ion Ratio Lower Upper
96 100
61 145.6 105.1 195.3
98 63.5 43.0 79.8

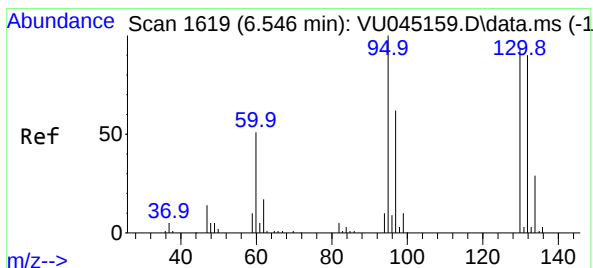
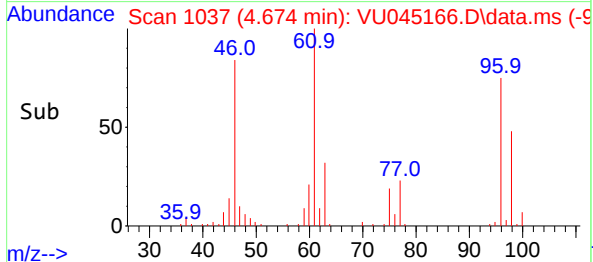
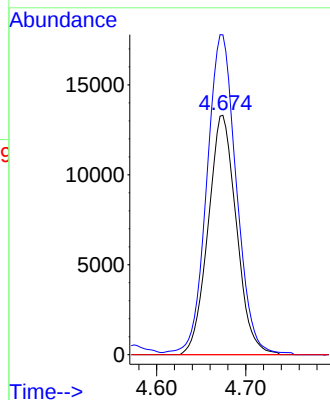
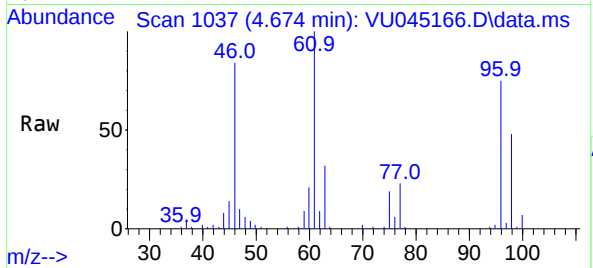




#20
cis-1,2-Dichloroethene
Concen: 11.08 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

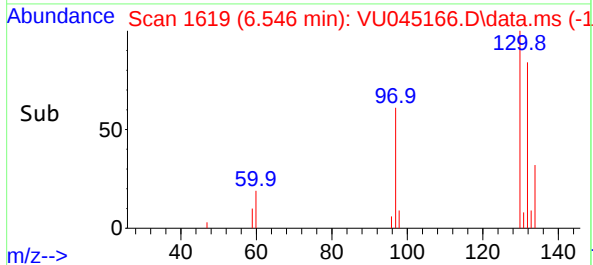
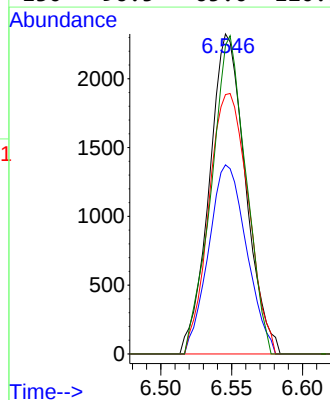
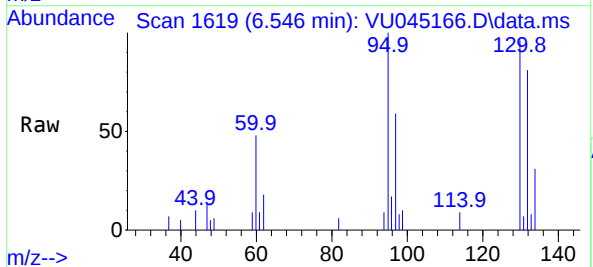
Instrument :
MSVOA_U
ClientSampled :
F4A42

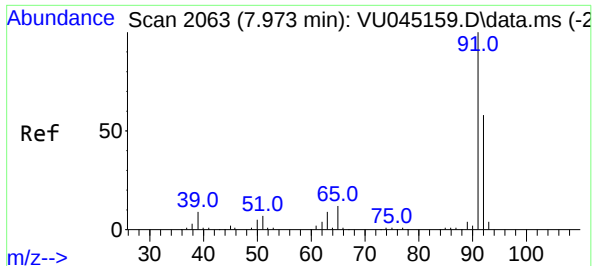
Tgt Ion: 96 Resp: 29374
Ion Ratio Lower Upper
96 100
61 133.6 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.65 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045166.D
Acq: 05 Oct 2021 23:56

Tgt Ion: 95 Resp: 4136
Ion Ratio Lower Upper
95 100
97 59.1 44.4 82.4
132 81.0 62.9 116.9
130 96.5 65.0 120.8





#42

Toluene

Concen: 0.54 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045166.D

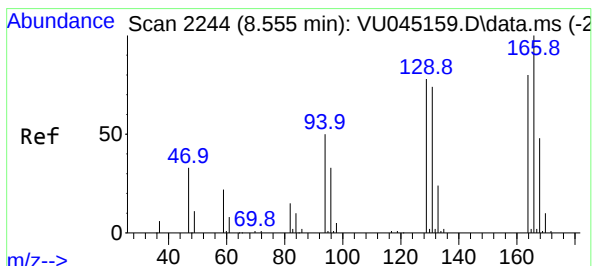
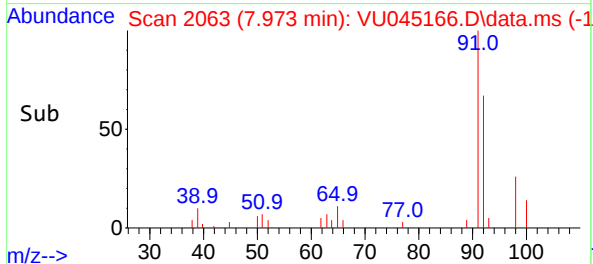
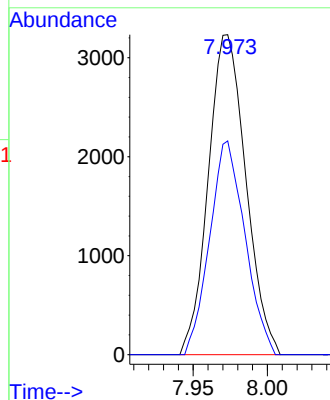
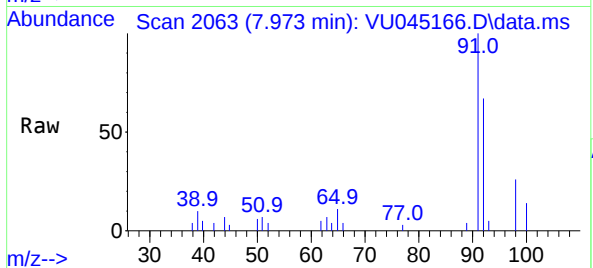
Acq: 05 Oct 2021 23:56

Tgt Ion: 91 Resp: 5694

Ion Ratio Lower Upper

91 100

92 66.8 40.5 75.1



#46

Tetrachloroethene

Concen: 15.19 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU045166.D

Acq: 05 Oct 2021 23:56

Tgt Ion: 164 Resp: 27280

Ion Ratio Lower Upper

164 100

129 99.7 69.8 129.6

131 93.2 66.4 123.2

166 125.2 91.1 169.3

