

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045157.D
 Acq On : 05 Oct 2021 20:03
 Operator : SY/MD
 Sample : M4023-02 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH7

Quant Time: Oct 06 01:48:07 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)

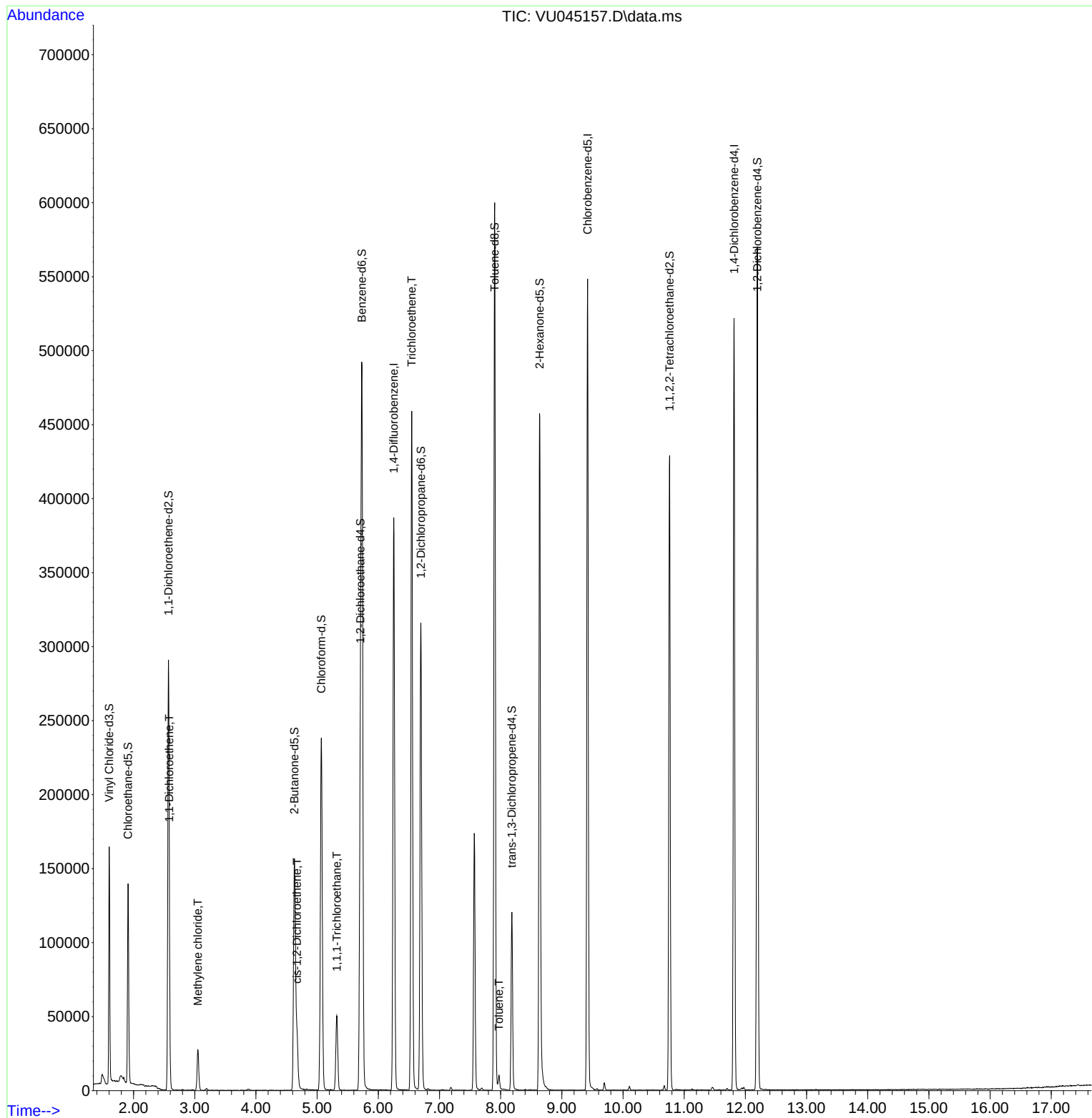
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	301528	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	285207	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	129429	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	113337	34.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.68%		
7) Chloroethane-d5	1.909	69	102070	39.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.04%		
11) 1,1-Dichloroethene-d2	2.572	63	170417	30.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.48%		
21) 2-Butanone-d5	4.629	46	232193	88.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.98%		
24) Chloroform-d	5.070	84	215714	41.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.76%		
26) 1,2-Dichloroethane-d4	5.706	65	154062	43.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.26%		
32) Benzene-d6	5.732	84	443129	44.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.56%		
36) 1,2-Dichloropropane-d6	6.697	67	143553	44.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.98%		
41) Toluene-d8	7.902	98	382926	44.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.68%		
43) trans-1,3-Dichloroprop...	8.182	79	64716	45.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.16%		
47) 2-Hexanone-d5	8.636	63	160689	89.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.86%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	212894	42.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.74%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138981	49.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.68%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	11732	5.02	ug/L	# 1
16) Methylene chloride	3.051	84	12777	4.32	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	13821	5.10	ug/L	90
30) 1,1,1-Trichloroethane	5.321	97	35226	8.92	ug/L	98
34) Trichloroethene	6.546	95	154958	60.99	ug/L	99
42) Toluene	7.973	91	6431	0.60	ug/L	95

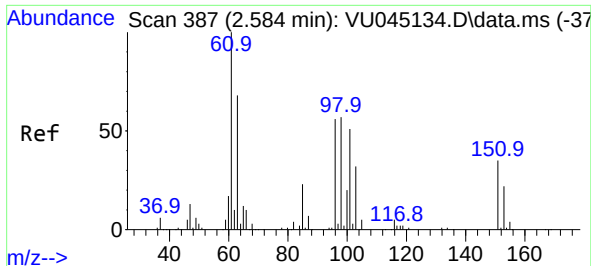
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045157.D
Acq On : 05 Oct 2021 20:03
Operator : SY/MD
Sample : M4023-02 2000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AH7

Quant Time: Oct 06 01:48:07 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

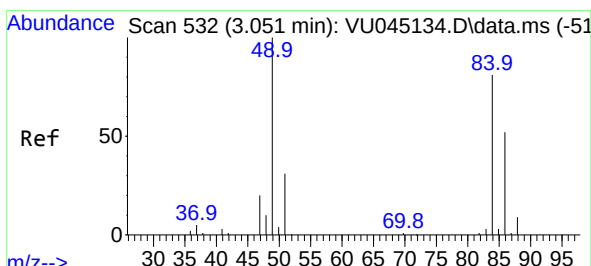
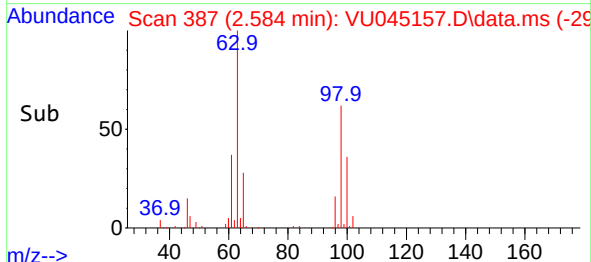
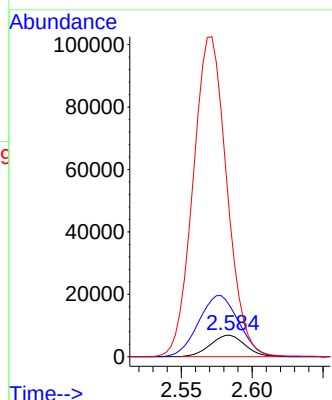
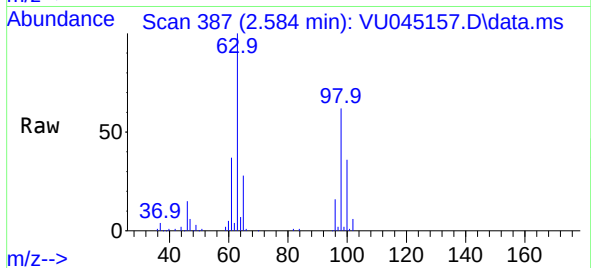




#12
1,1-Dichloroethene
Concen: 5.02 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

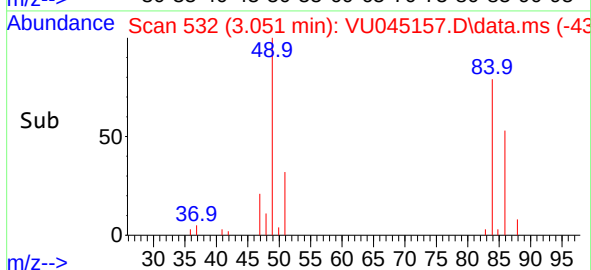
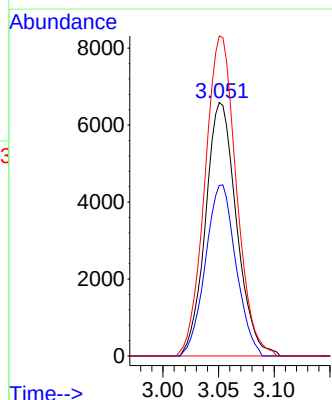
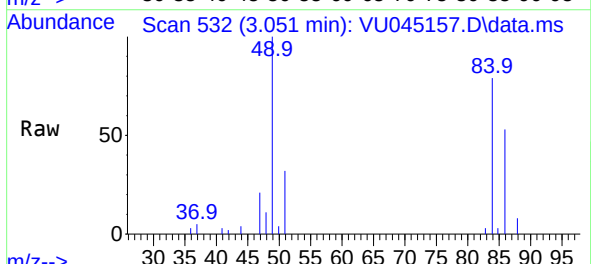
Instrument :
MSVOA_U
ClientSampled :
C0AH7

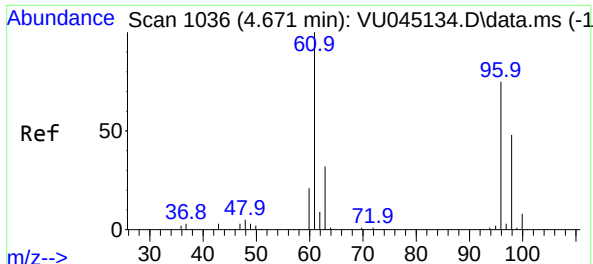
Tgt Ion: 96 Resp: 11732
Ion Ratio Lower Upper
96 100
61 235.2 131.3 243.9
63 635.9 102.5 190.3#



#16
Methylene chloride
Concen: 4.32 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Tgt Ion: 84 Resp: 12777
Ion Ratio Lower Upper
84 100
86 67.3 44.7 83.1
49 126.3 92.9 172.5

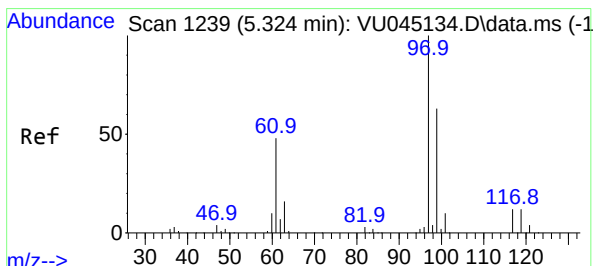
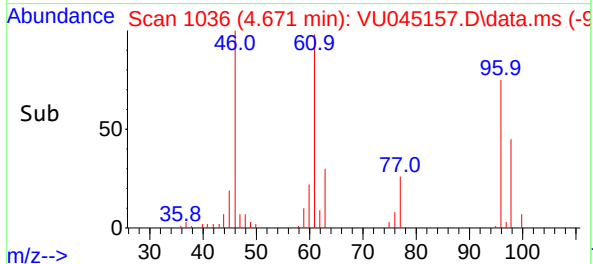
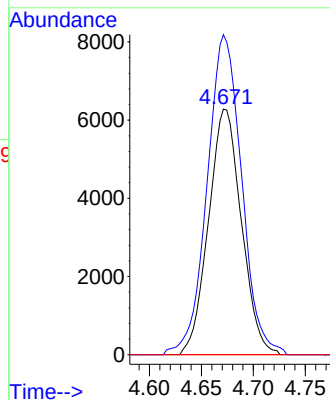
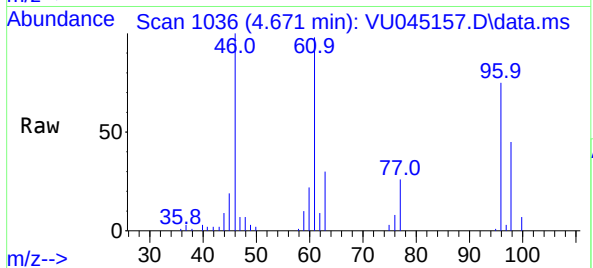




#20
cis-1,2-Dichloroethene
Concen: 5.10 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

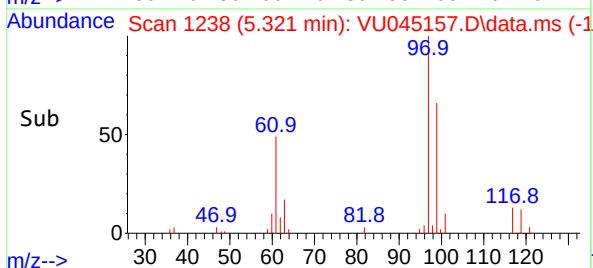
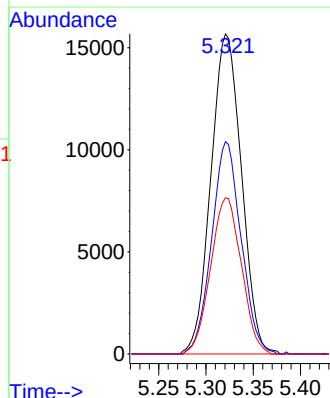
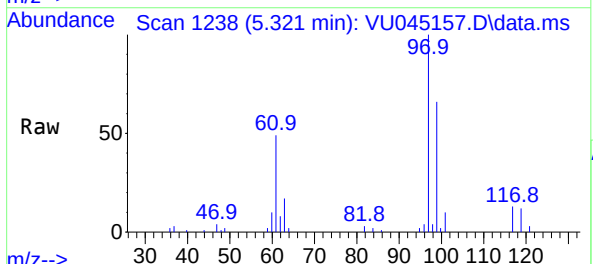
Instrument :
MSVOA_U
ClientSampleId :
C0AH7

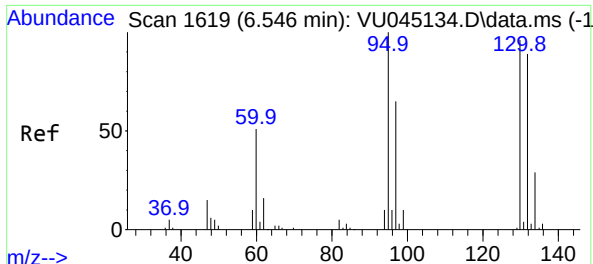
Tgt Ion: 96 Resp: 13821
Ion Ratio Lower Upper
96 100
61 130.3 100.2 186.0
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 8.92 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Tgt Ion: 97 Resp: 35226
Ion Ratio Lower Upper
97 100
99 64.0 50.6 75.8
61 49.2 41.3 61.9

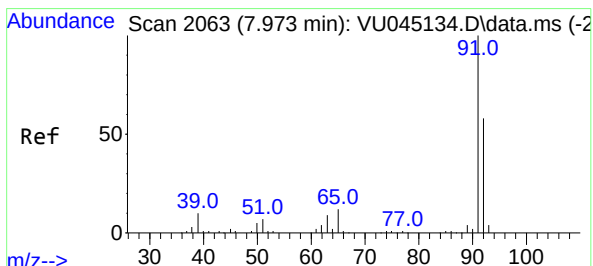
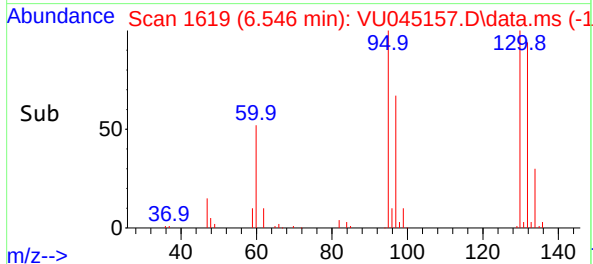
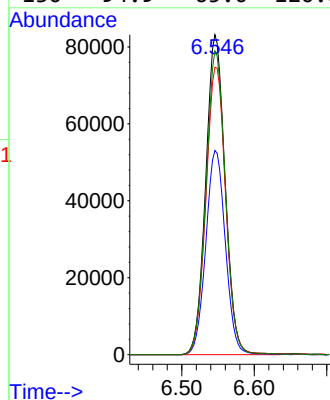
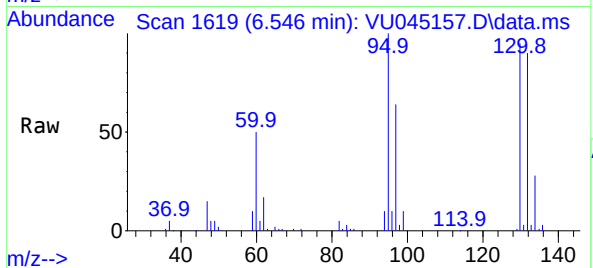




#34
Trichloroethene
Concen: 60.99 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Instrument :
MSVOA_U
ClientSampleId :
C0AH7

Tgt Ion: 95 Resp: 154958
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 89.8 62.9 116.9
130 94.9 65.0 120.8



#42
Toluene
Concen: 0.60 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Tgt Ion: 91 Resp: 6431
Ion Ratio Lower Upper
91 100
92 61.5 40.5 75.1

