

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045184.D
 Acq On : 06 Oct 2021 14:39
 Operator : SY/MD
 Sample : M3996-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A42

Quant Time: Oct 07 03:02:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

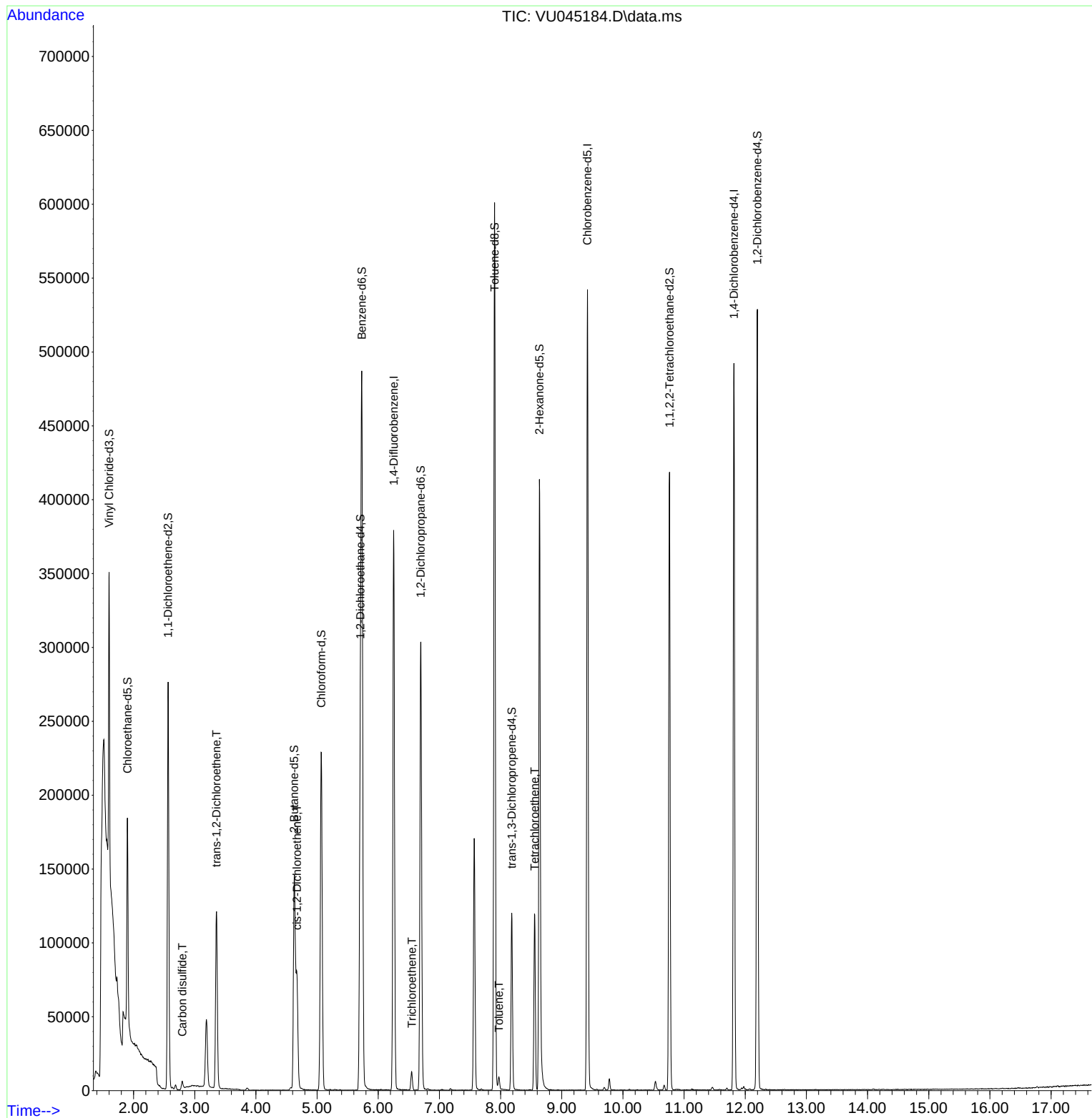
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	290841	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	281334	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	121578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	135823	42.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.320%
7) Chloroethane-d5	1.899	69	109053	43.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	2.565	63	166487	31.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.280%
21) 2-Butanone-d5	4.626	46	200826	79.785	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.790%
24) Chloroform-d	5.070	84	207438	41.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.500%
26) 1,2-Dichloroethane-d4	5.706	65	147506	43.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
32) Benzene-d6	5.732	84	432020	44.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.500%
36) 1,2-Dichloropropane-d6	6.693	67	138214	43.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	7.902	98	378459	44.923	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.840%
43) trans-1,3-Dichloroprop...	8.182	79	62571	44.190	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.380%
47) 2-Hexanone-d5	8.635	63	143667	81.444	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206760	41.713	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.420%
66) 1,2-Dichlorobenzene-d4	12.198	152	130356	49.268	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.540%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.796	76	9243	1.281	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	48921	20.620	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	33288	12.733	ug/L	95
34) Trichloroethene	6.549	95	3914	1.562	ug/L	92
42) Toluene	7.973	91	5749	0.542	ug/L	93
46) Tetrachloroethene	8.558	164	25147	14.038	ug/L	95

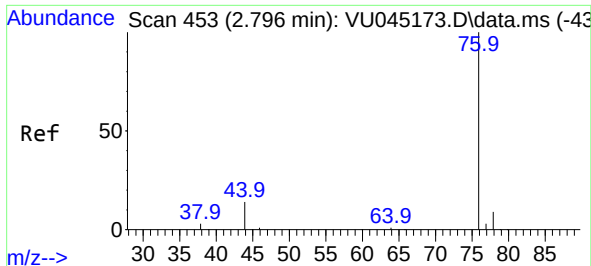
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
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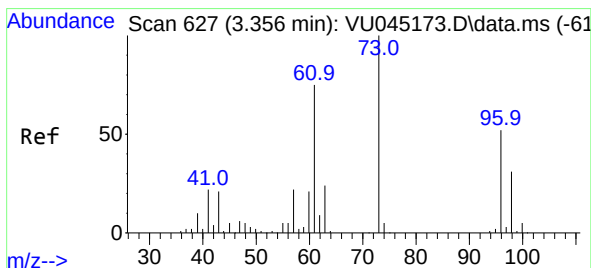
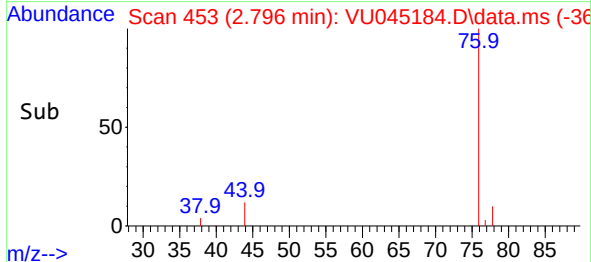
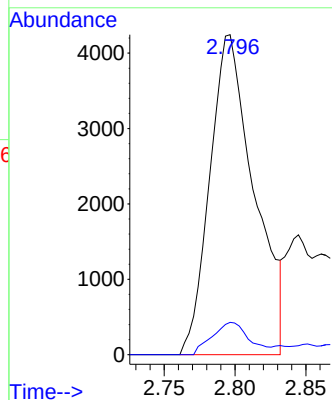
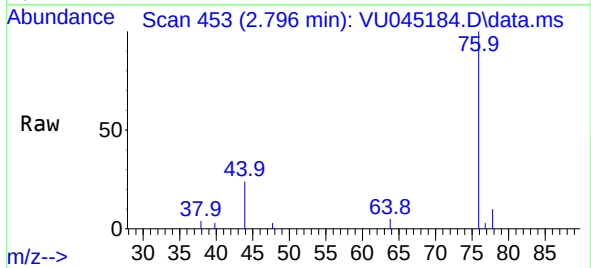




#14
Carbon disulfide
Concen: 1.281 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045184.D
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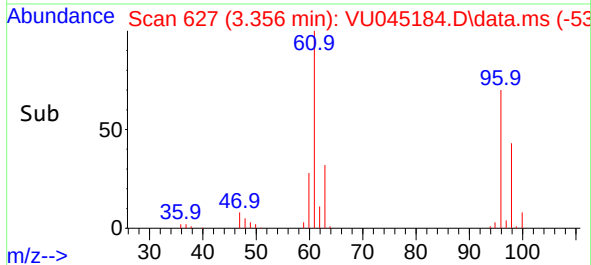
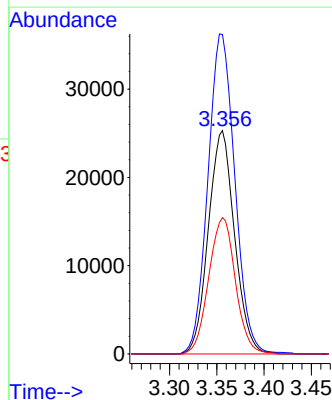
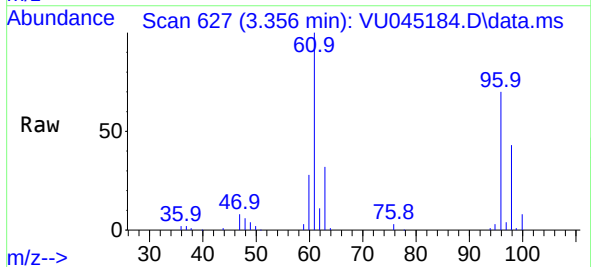
Instrument :
MSVOA_U
ClientSampled :
F4A42

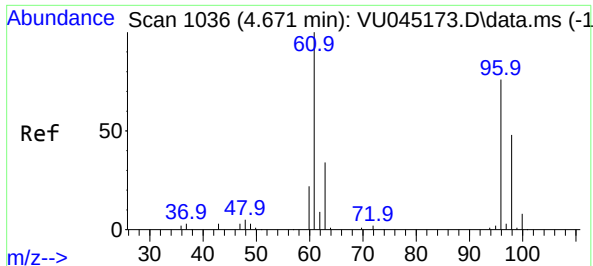
Tgt Ion: 76 Resp: 9243
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#17
trans-1,2-Dichloroethene
Concen: 20.620 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045184.D
Acq: 06 Oct 2021 14:39

Tgt Ion: 96 Resp: 48921
Ion Ratio Lower Upper
96 100
61 143.0 105.1 195.3
98 61.0 43.0 79.8

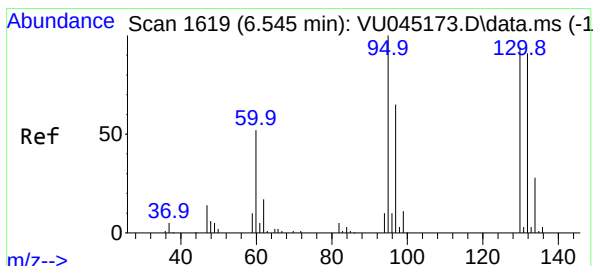
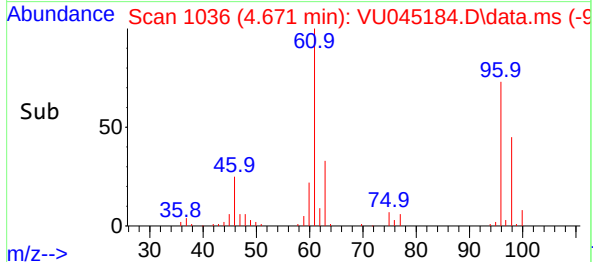
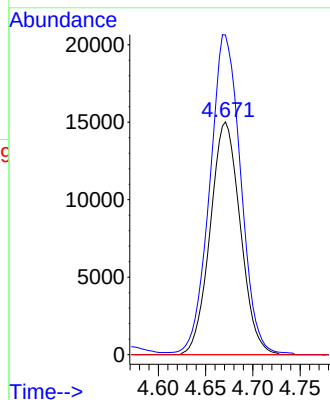
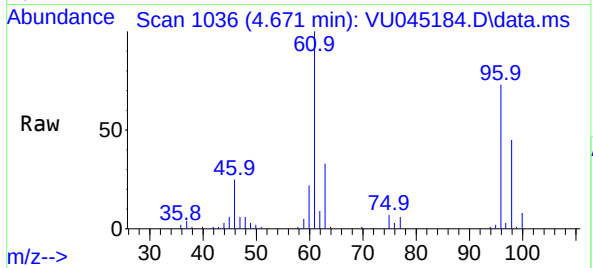




#20
cis-1,2-Dichloroethene
Concen: 12.733 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045184.D
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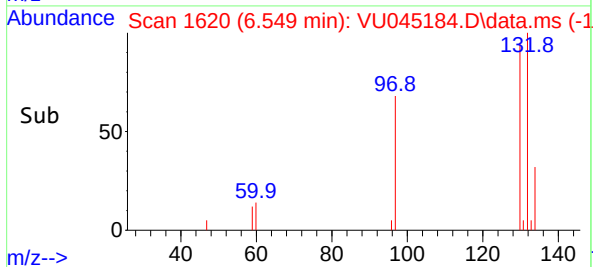
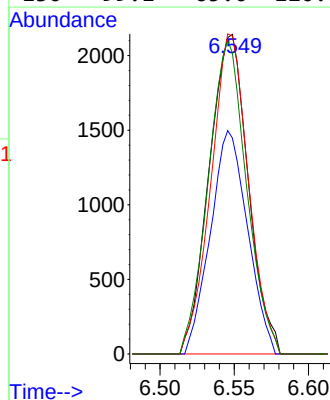
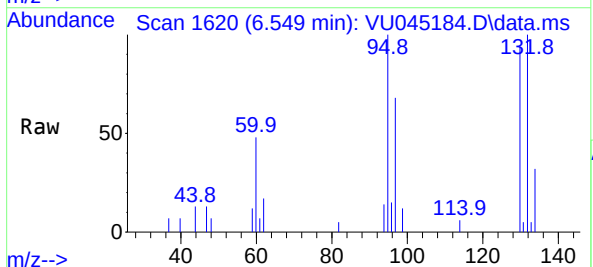
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ClientSampled :
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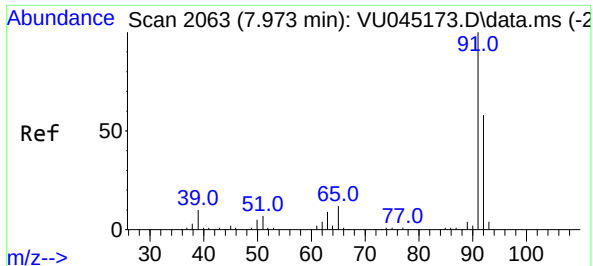
Tgt Ion: 96 Resp: 33288
Ion Ratio Lower Upper
96 100
61 137.3 100.2 186.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.562 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045184.D
Acq: 06 Oct 2021 14:39

Tgt Ion: 95 Resp: 3914
Ion Ratio Lower Upper
95 100
97 67.6 44.4 82.4
132 99.5 62.9 116.9
130 99.1 65.0 120.8

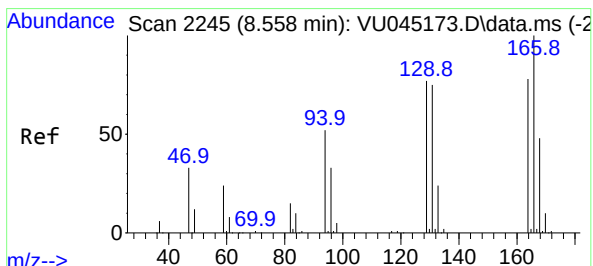
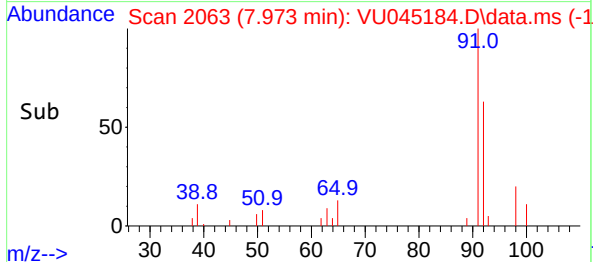
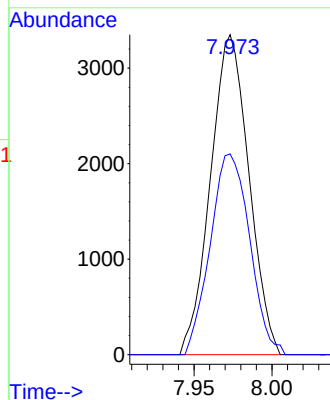
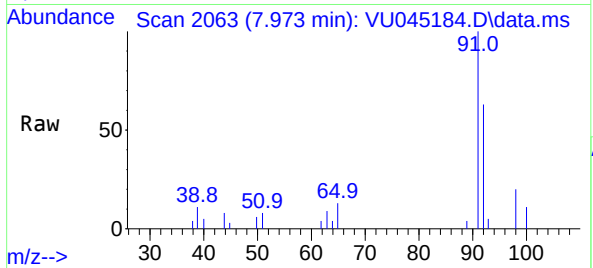




#42
Toluene
Concen: 0.542 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045184.D
Acq: 06 Oct 2021 14:39

Instrument :
MSVOA_U
ClientSampled :
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Tgt Ion: 91 Resp: 5749
Ion Ratio Lower Upper
91 100
92 62.7 40.5 75.1



#46
Tetrachloroethene
Concen: 14.038 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045184.D
Acq: 06 Oct 2021 14:39

Tgt Ion: 164 Resp: 25147
Ion Ratio Lower Upper
164 100
129 94.4 69.8 129.6
131 93.1 66.4 123.2
166 123.0 91.1 169.3

