

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045875.D
 Acq On : 18 Nov 2021 17:56
 Operator : SY/MD
 Sample : M4664-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4680DL

Quant Time: Nov 19 00:55:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

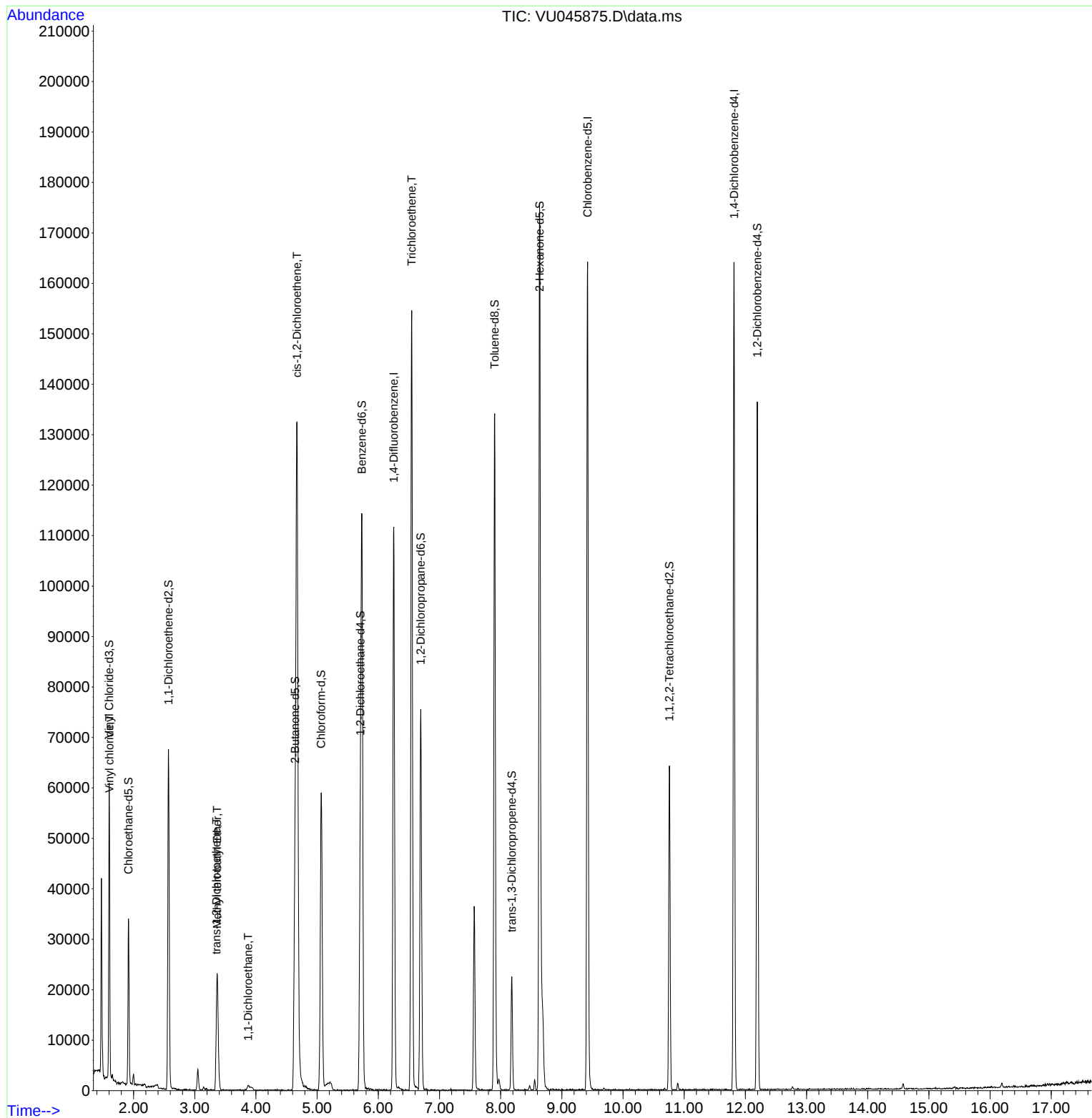
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29961	4.238	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.916	69	24014	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.572	65	12454	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.639	46	97186	51.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.600%
24) Chloroform-d	5.067	84	56433	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.707	65	32289	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.732	84	109024	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	36053	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.903	98	90773	3.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.182	79	13623	4.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.636	63	61230	41.432	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31455	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	34622	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	8814	1.141	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	22467	1.562	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	1659	0.280	ug/L	93
19) 1,1-Dichloroethane	3.874	63	1022	0.092	ug/L #	84
22) cis-1,2-Dichloroethene	4.671	96	57751	8.996	ug/L	96
34) Trichloroethene	6.546	95	53139	7.929	ug/L	99

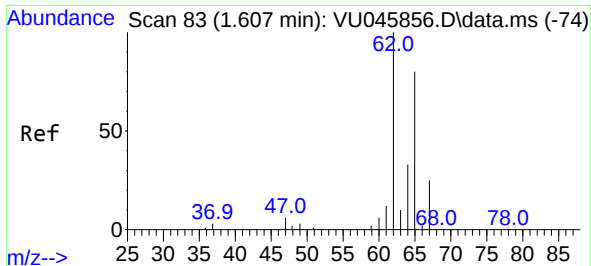
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
Data File : VU045875.D
Acq On : 18 Nov 2021 17:56
Operator : SY/MD
Sample : M4664-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4680DL

Quant Time: Nov 19 00:55:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 00:50:55 2021
Response via : Initial Calibration

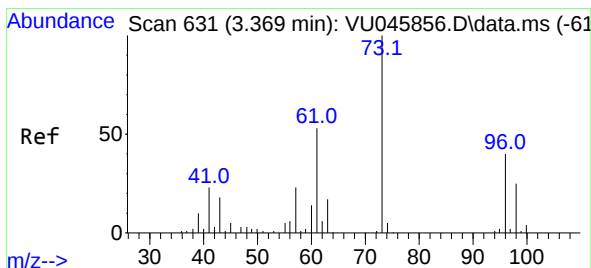
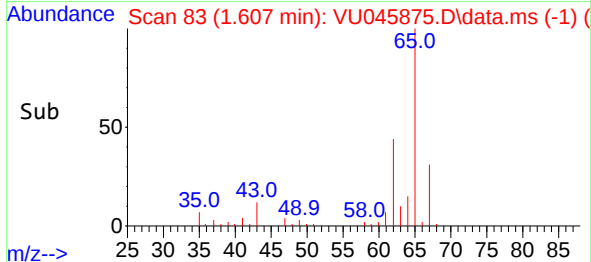
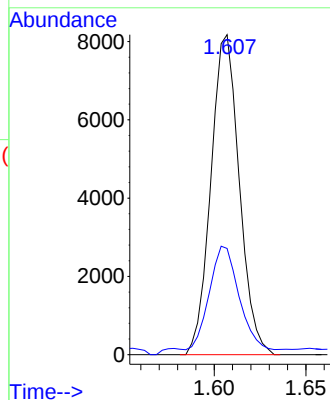
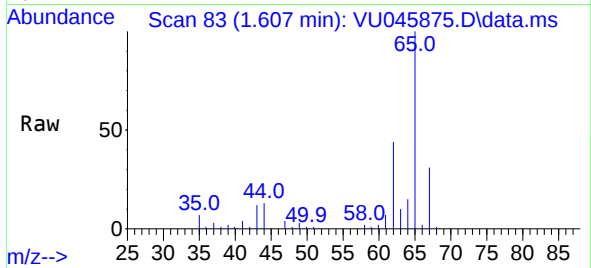




#5
 Vinyl chloride
 Concen: 1.141 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045875.D
 Acq: 18 Nov 2021 17:56

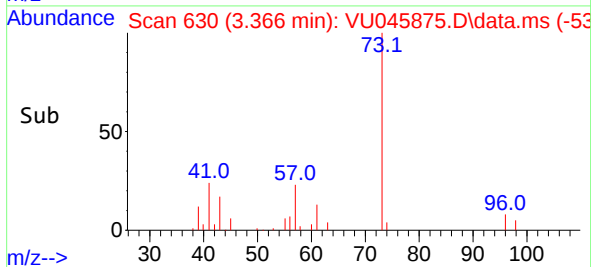
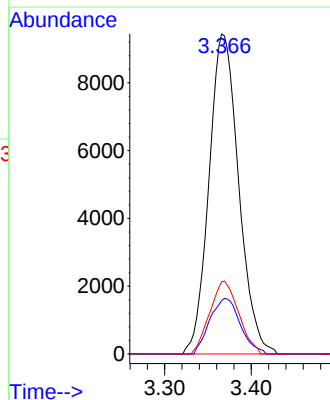
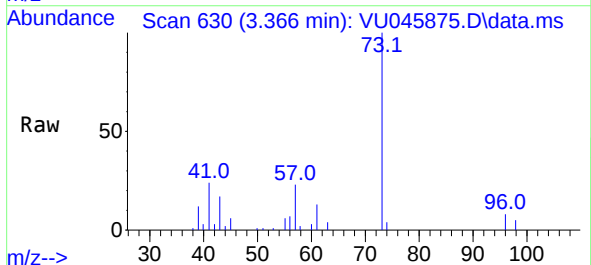
Instrument :
 MSVOA_U
 ClientSampleId :
 H4680DL

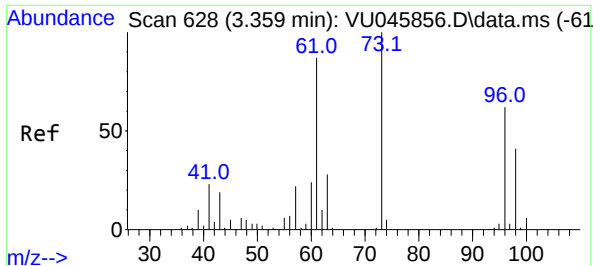
Tgt Ion: 62 Resp: 8814
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#17
 Methyl tert-butyl Ether
 Concen: 1.562 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. -0.003 min
 Lab File: VU045875.D
 Acq: 18 Nov 2021 17:56

Tgt Ion: 73 Resp: 22467
 Ion Ratio Lower Upper
 73 100
 43 17.8 14.8 22.2
 57 22.2 17.4 26.0

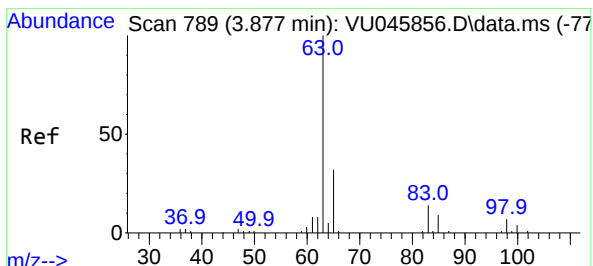
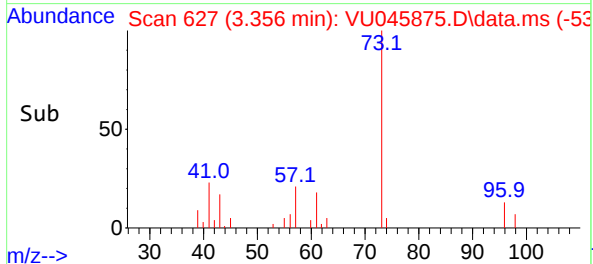
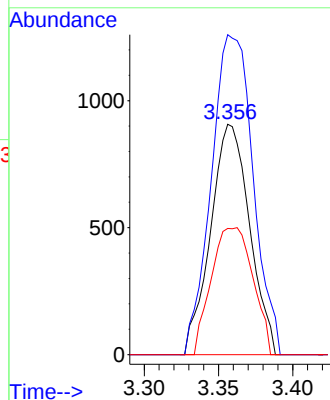
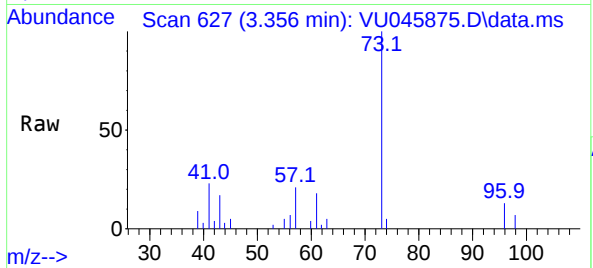




#18
trans-1,2-Dichloroethene
Concen: 0.280 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56

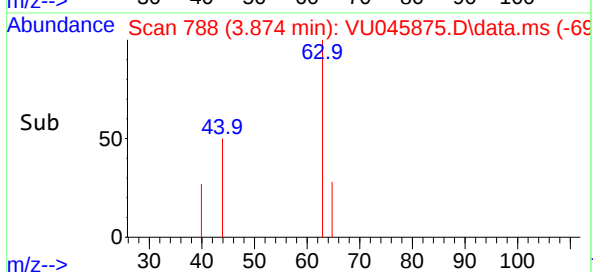
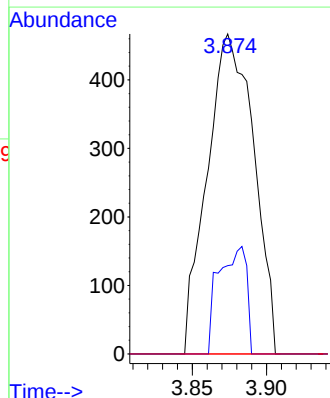
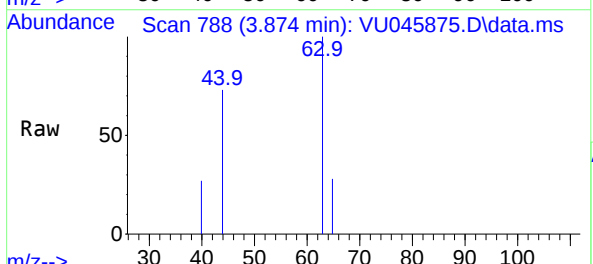
Instrument :
MSVOA_U
ClientSampleId :
H4680DL

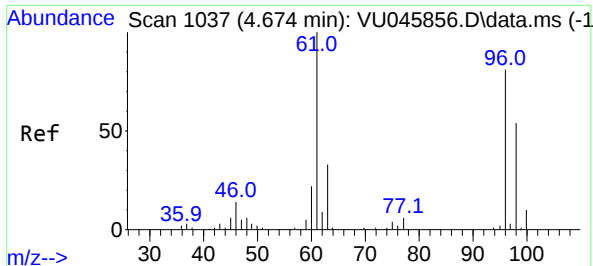
Tgt Ion: 96 Resp: 1659
Ion Ratio Lower Upper
96 100
61 138.9 100.8 187.2
98 54.8 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.092 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56

Tgt Ion: 63 Resp: 1022
Ion Ratio Lower Upper
63 100
65 27.6 22.3 41.5
83 0.0 9.6 17.8#

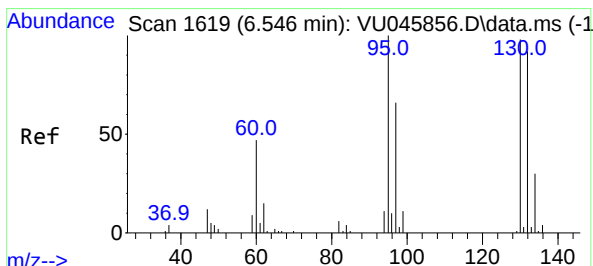
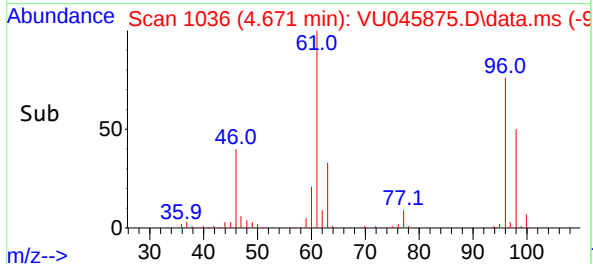
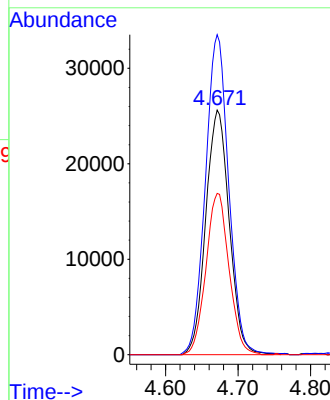
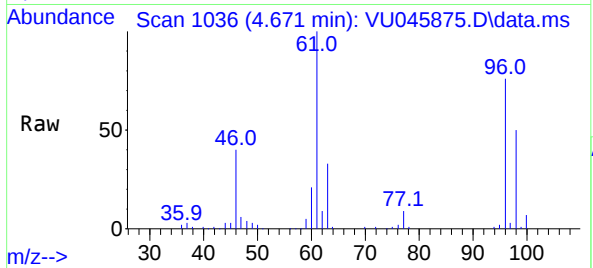




#22
cis-1,2-Dichloroethene
Concen: 8.996 ug/L
RT: 4.671 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56

Instrument :
MSVOA_U
ClientSampleId :
H4680DL

Tgt Ion: 96 Resp: 57751
Ion Ratio Lower Upper
96 100
61 130.8 88.5 164.3
98 65.9 44.4 82.5



#34
Trichloroethene
Concen: 7.929 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045875.D
Acq: 18 Nov 2021 17:56

Tgt Ion: 95 Resp: 53139
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 92.6 65.1 120.9
130 96.7 67.3 124.9

