

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050283.D
 Acq On : 12 Aug 2022 15:41
 Operator : SY/MD
 Sample : N4072-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT9

Quant Time: Aug 12 23:17:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

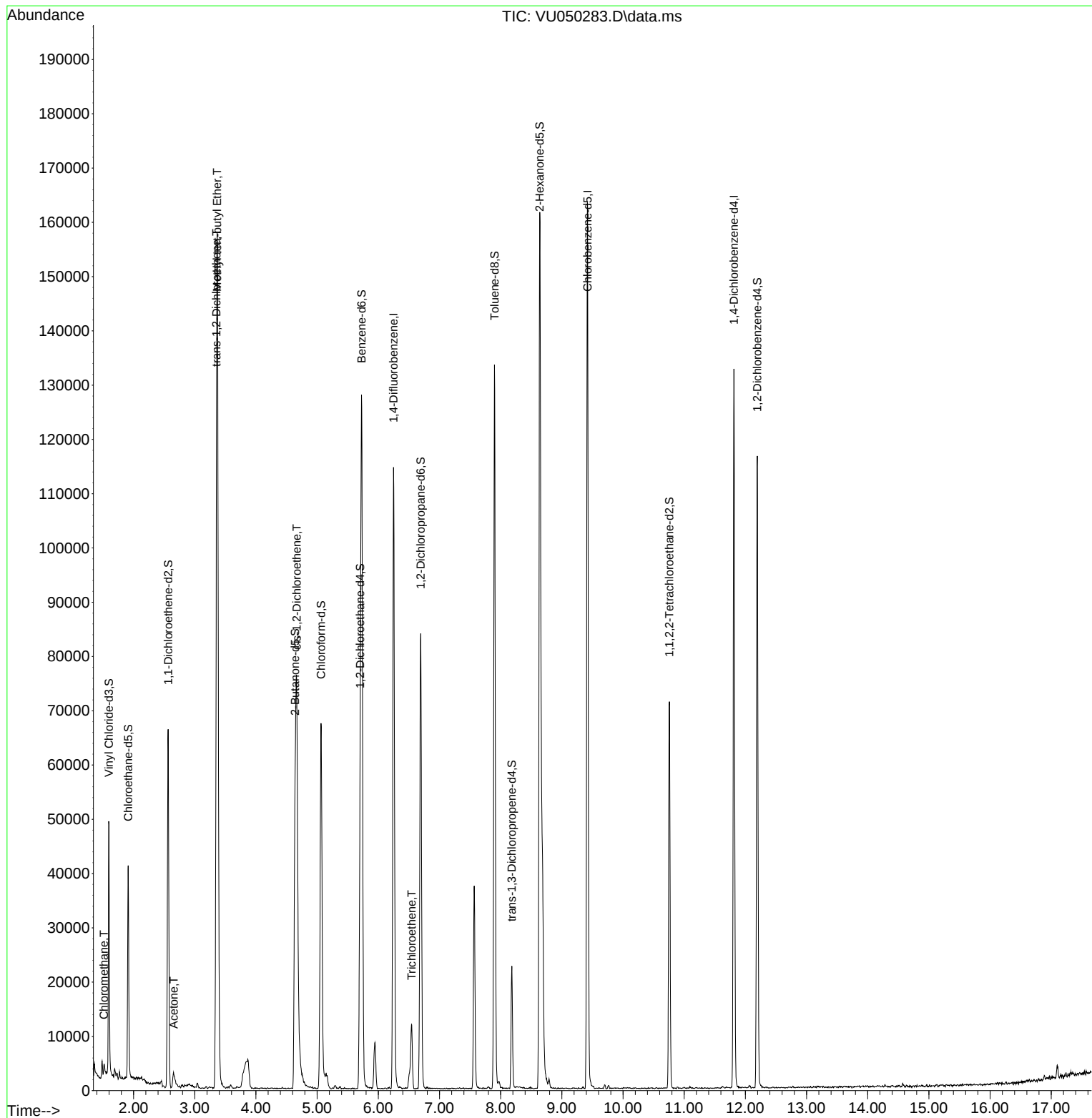
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	34692	4.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.913	69	28455	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.565	65	12410	4.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.642	46	101906	53.930	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.860%
24) Chloroform-d	5.064	84	63100	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.703	65	34419	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.729	84	120107	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.694	67	42648	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.899	98	92337	3.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.182	79	13328	3.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.636	63	48806	39.981	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37962	4.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	32418	4.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	2263	0.203	ug/L	99
13) Acetone	2.655	43	5649	5.368	ug/L	73
17) Methyl tert-butyl Ether	3.366	73	165585	9.858	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	2918	0.405	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	23043	2.881	ug/L	99
34) Trichloroethene	6.546	95	4005	0.506	ug/L	92

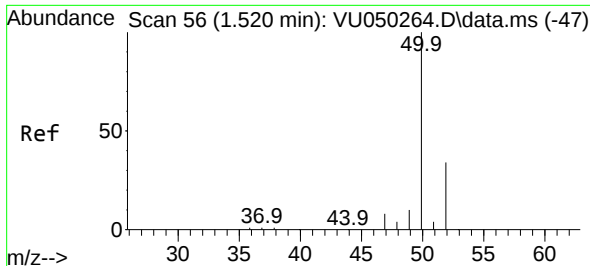
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
Data File : VU050283.D
Acq On : 12 Aug 2022 15:41
Operator : SY/MD
Sample : N4072-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBUT9

Quant Time: Aug 12 23:17:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 23:11:34 2022
Response via : Initial Calibration

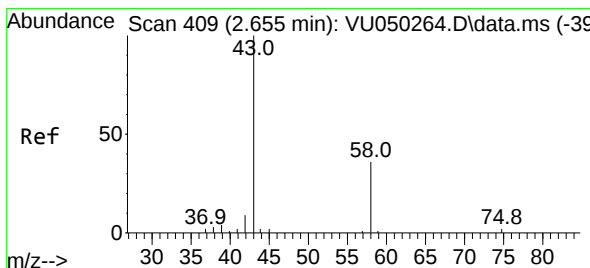
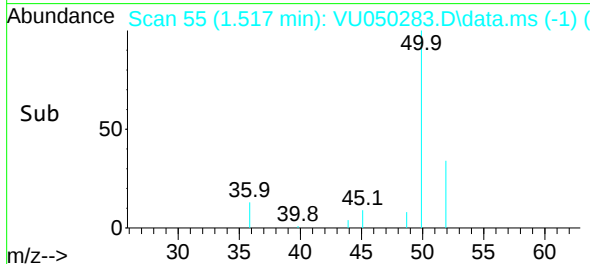
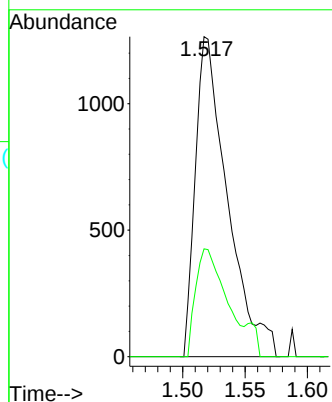
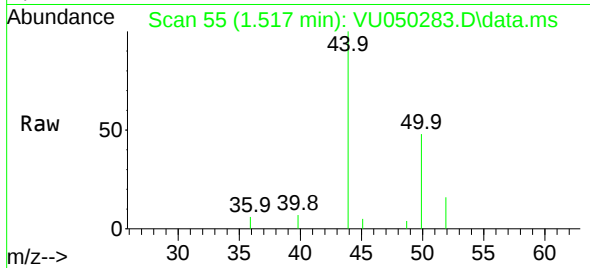




#3
Chloromethane
Concen: 0.203 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050283.D
Acq: 12 Aug 2022 15:41

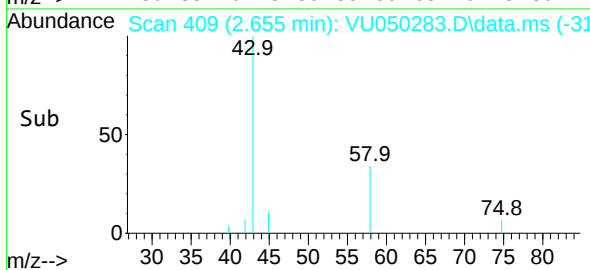
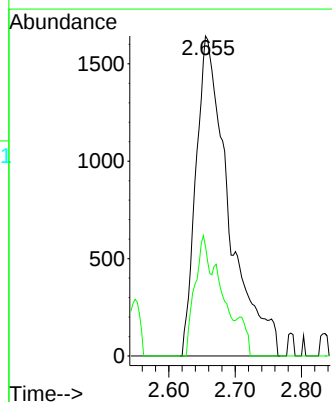
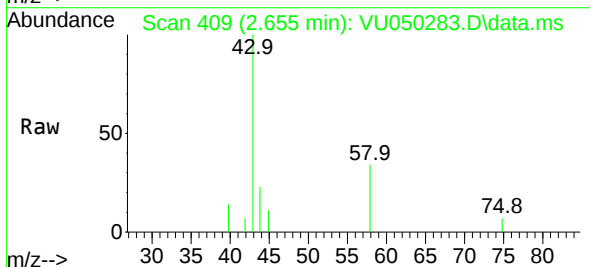
Instrument :
MSVOA_U
ClientSampleId :
DBUT9

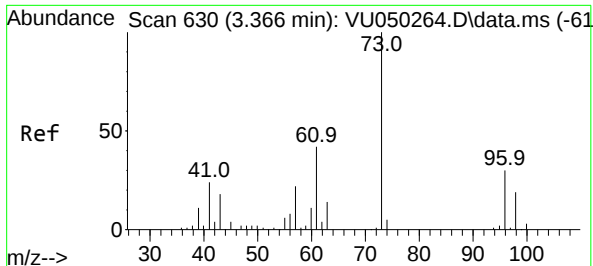
Tgt Ion: 50 Resp: 2263
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2



#13
Acetone
Concen: 5.368 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.000 min
Lab File: VU050283.D
Acq: 12 Aug 2022 15:41

Tgt Ion: 43 Resp: 5649
Ion Ratio Lower Upper
43 100
58 17.1 0.0 64.0





#17

Methyl tert-butyl Ether

Concen: 9.858 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050283.D

Acq: 12 Aug 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

DBUT9

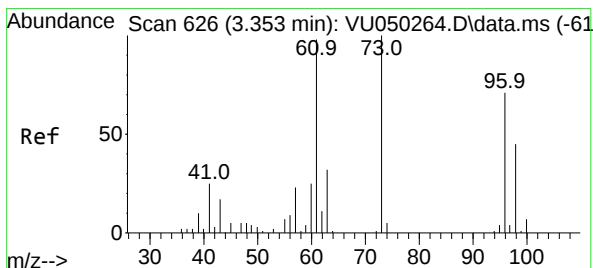
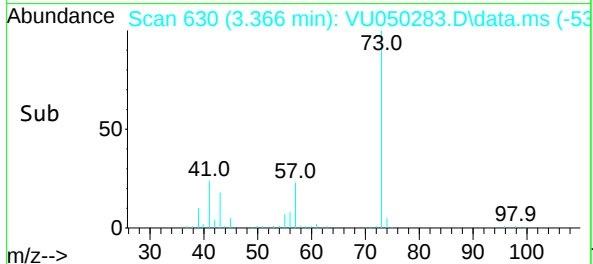
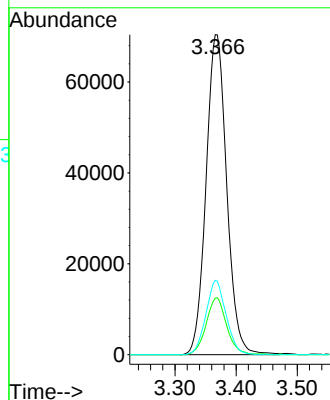
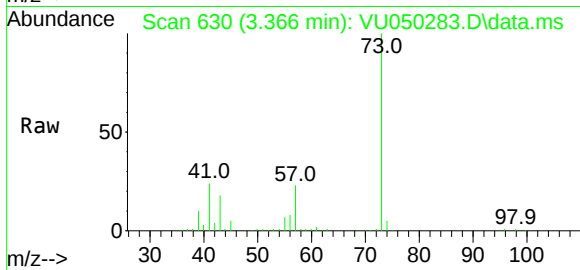
Tgt Ion: 73 Resp: 165585

Ion Ratio Lower Upper

73 100

43 17.7 13.5 20.3

57 22.7 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 0.405 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU050283.D

Acq: 12 Aug 2022 15:41

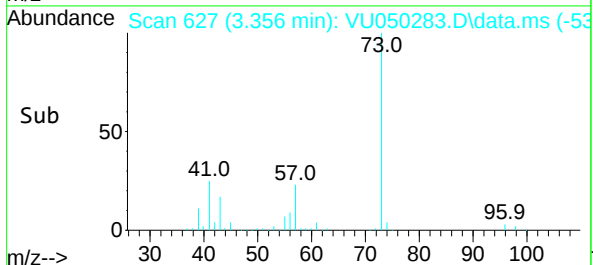
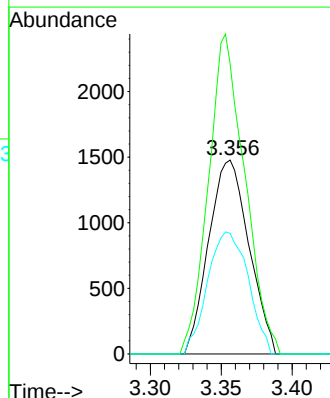
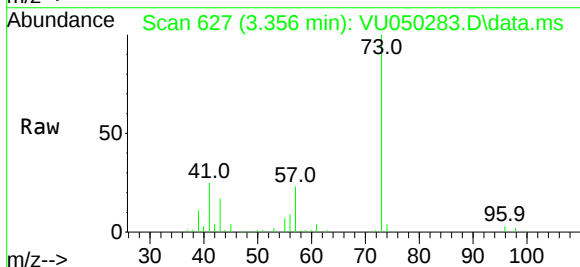
Tgt Ion: 96 Resp: 2918

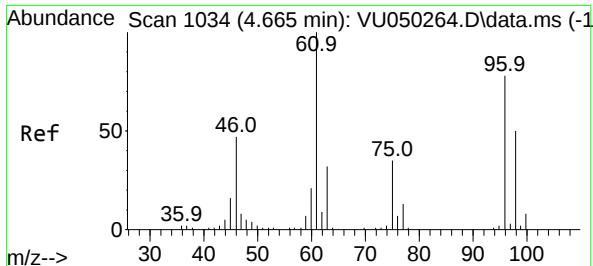
Ion Ratio Lower Upper

96 100

61 149.7 92.3 171.5

98 62.2 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 2.881 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050283.D

Acq: 12 Aug 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

DBUT9

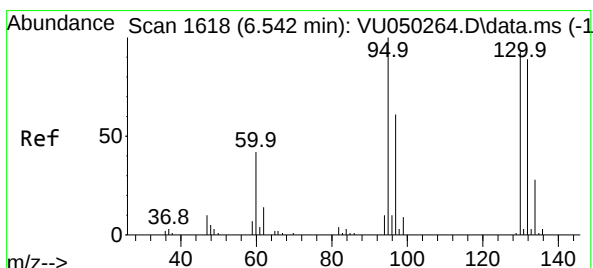
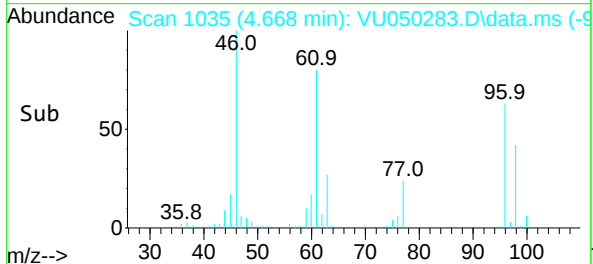
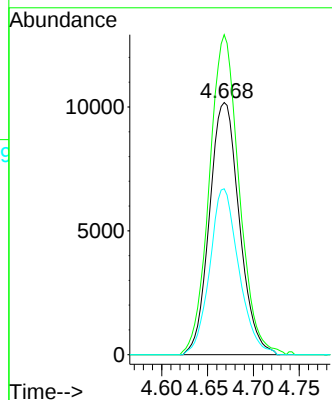
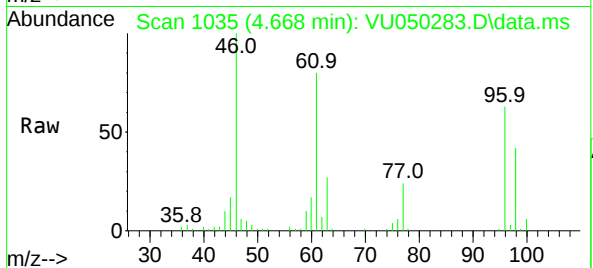
Tgt Ion: 96 Resp: 23043

Ion Ratio Lower Upper

96 100

61 126.9 89.0 165.4

98 65.8 45.2 84.0



#34

Trichloroethene

Concen: 0.506 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU050283.D

Acq: 12 Aug 2022 15:41

Tgt Ion: 95 Resp: 4005

Ion Ratio Lower Upper

95 100

97 70.1 45.6 84.8

132 103.8 65.0 120.6

130 106.1 69.3 128.7

