

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057339.D
 Acq On : 28 Dec 2023 17:33
 Operator : MD/SY
 Sample : 06021-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z2DL

Quant Time: Dec 28 21:38:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

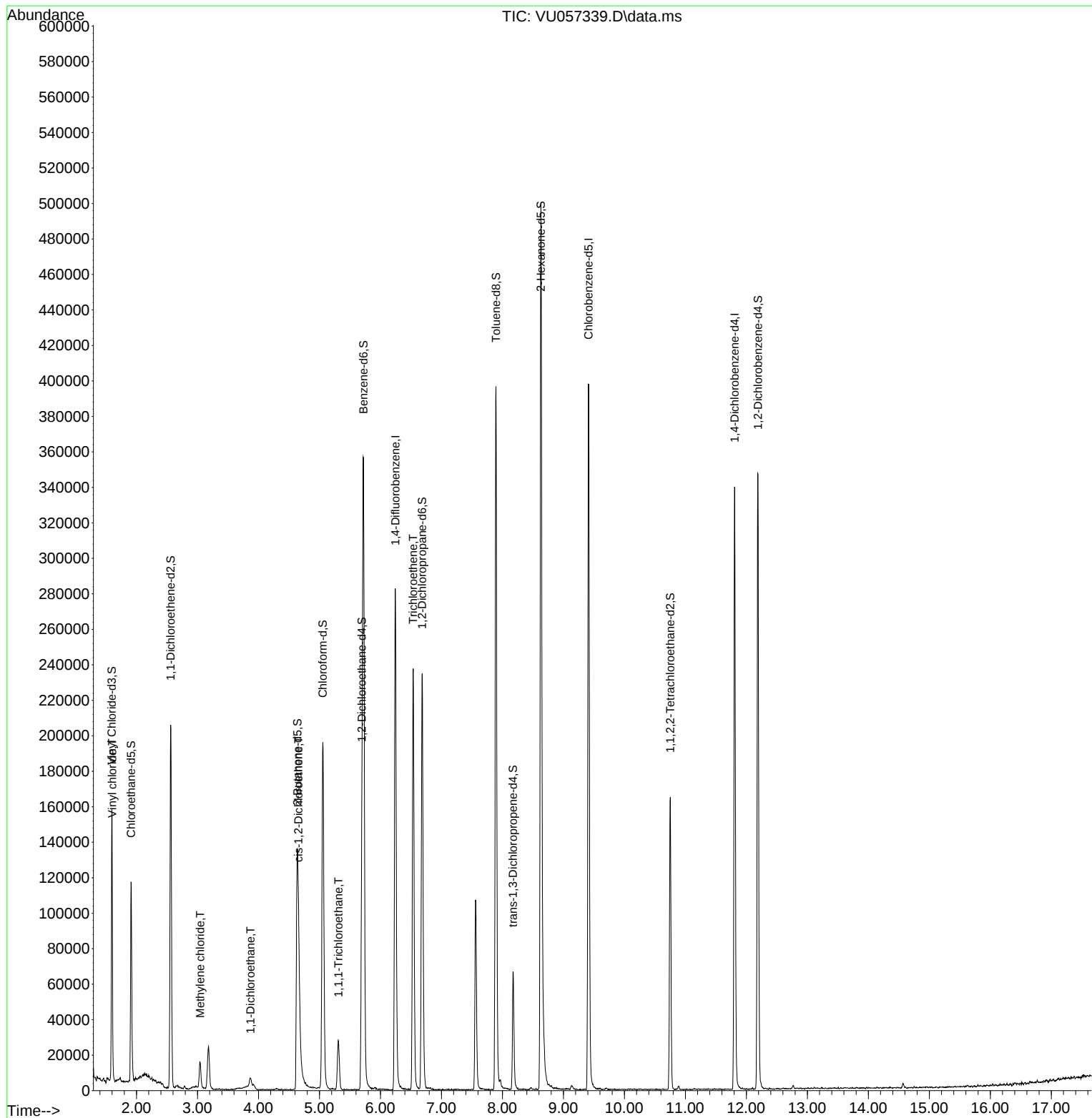
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	227369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101096	5.172	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.400%		
7) Chloroethane-d5	1.911	69	89205	5.682	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.600%		
11) 1,1-Dichloroethene-d2	2.560	65	39961	5.136	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.800%		
20) 2-Butanone-d5	4.637	46	224244	50.653	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.300%		
24) Chloroform-d	5.055	84	188026	5.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
26) 1,2-Dichloroethane-d4	5.695	65	95151	5.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
32) Benzene-d6	5.721	84	339685	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
36) 1,2-Dichloropropane-d6	6.685	67	114429	5.628	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 112.600%		
41) Toluene-d8	7.894	98	267368	4.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.600%		
43) trans-1,3-Dichloroprop...	8.174	79	39564	4.849	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.000%		
46) 2-Hexanone-d5	8.631	63	168548	45.613	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 91.220%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86385	5.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	88987	5.517	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.400%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.602	62	10950	0.577	ug/L	83
16) Methylene chloride	3.042	84	7346	0.383	ug/L	98
19) 1,1-Dichloroethane	3.869	63	5664	0.183	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	9931	0.583	ug/L	84
29) 1,1,1-Trichloroethane	5.312	97	21340	0.740	ug/L	99
34) Trichloroethene	6.537	95	87443	5.004	ug/L	97

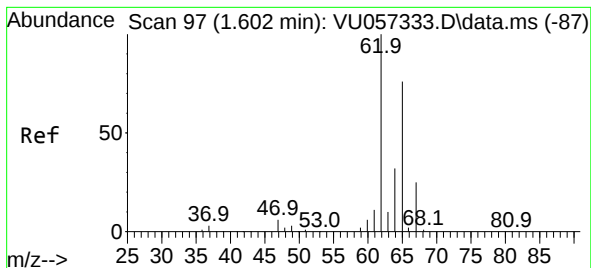
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
Data File : VU057339.D
Acq On : 28 Dec 2023 17:33
Operator : MD/SY
Sample : 06021-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH7Z2DL

Quant Time: Dec 28 21:38:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 21:37:03 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.577 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

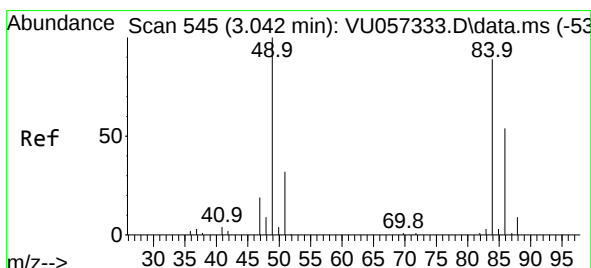
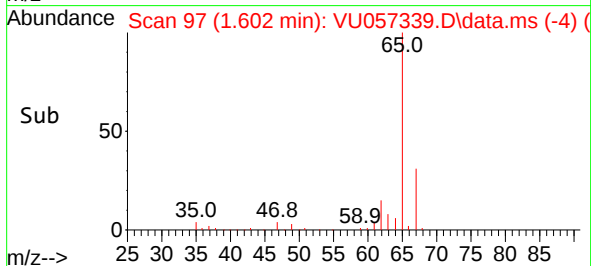
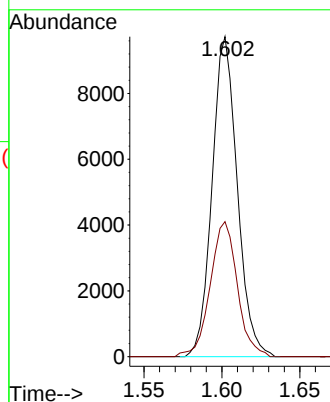
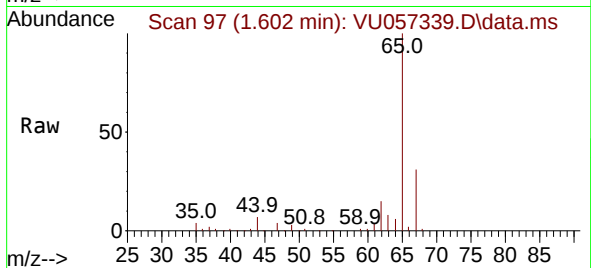
BH7Z2DL

Tgt Ion: 62 Resp: 10950

Ion Ratio Lower Upper

62 100

64 42.2 22.8 42.4



#16

Methylene chloride

Concen: 0.383 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.000 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

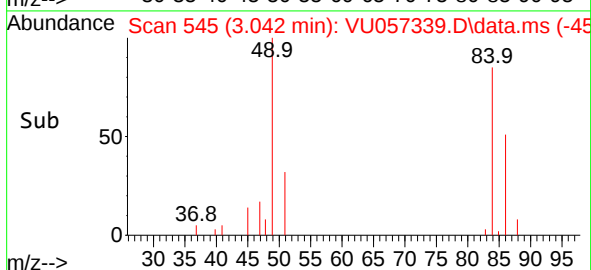
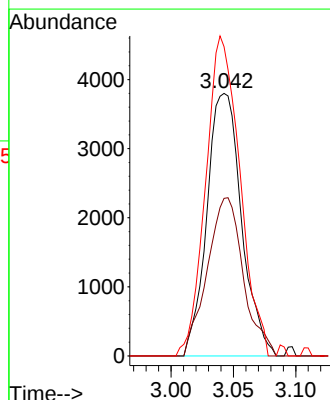
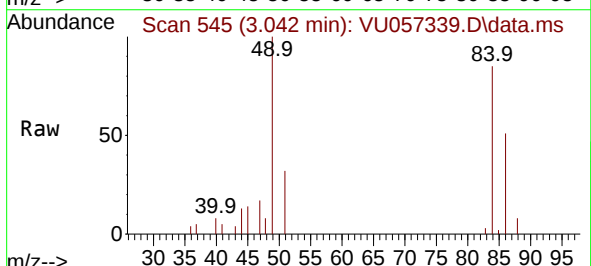
Tgt Ion: 84 Resp: 7346

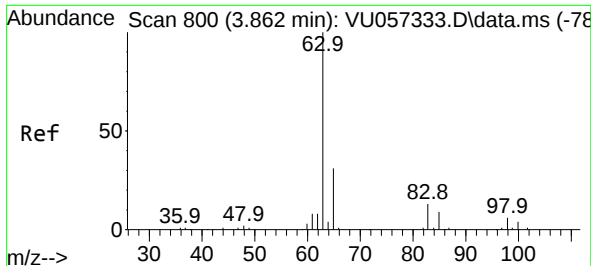
Ion Ratio Lower Upper

84 100

86 60.0 43.8 81.3

49 117.8 83.2 154.4





#19

1,1-Dichloroethane

Concen: 0.183 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

BH7Z2DL

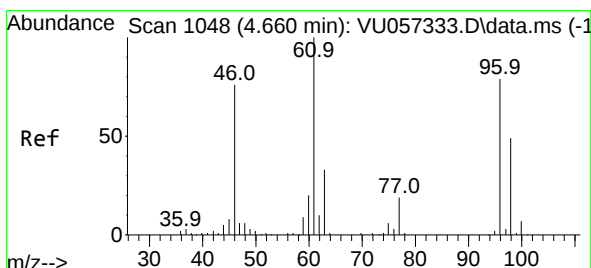
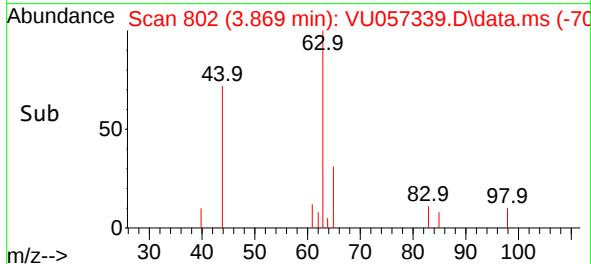
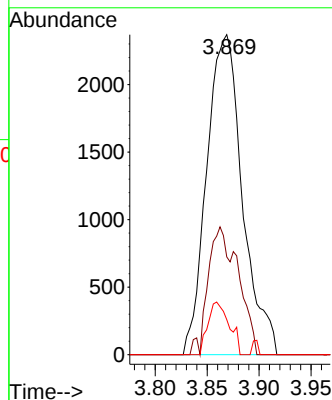
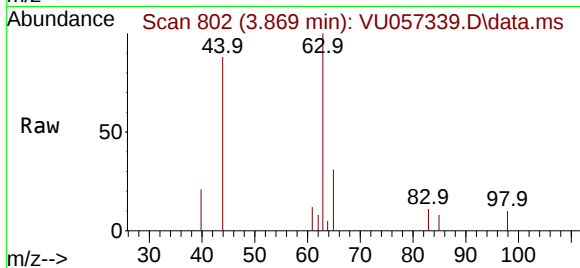
Tgt Ion: 63 Resp: 5664

Ion Ratio Lower Upper

63 100

65 29.2 23.6 43.8

83 10.5 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 0.583 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

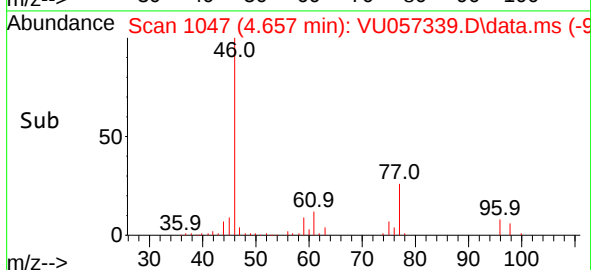
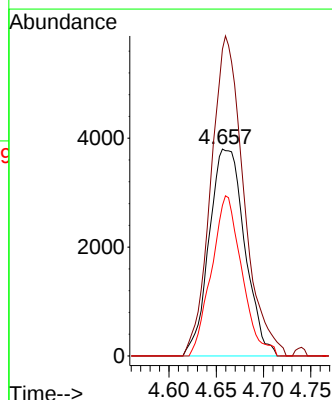
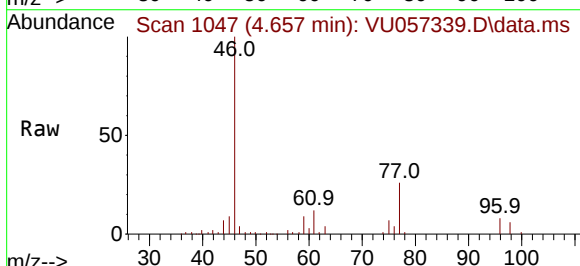
Tgt Ion: 96 Resp: 9931

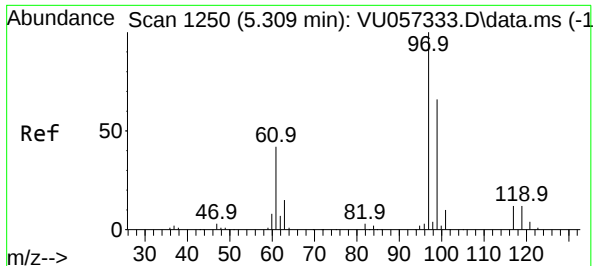
Ion Ratio Lower Upper

96 100

61 148.3 91.1 169.3

98 72.8 42.6 79.0





#29

1,1,1-Trichloroethane

Concen: 0.740 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

BH7Z2DL

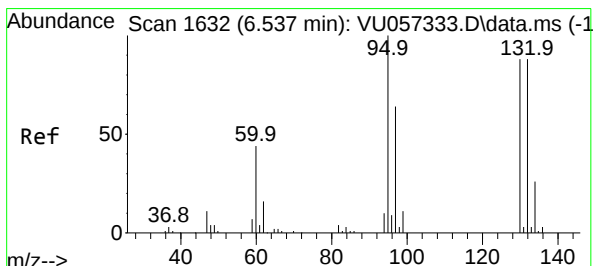
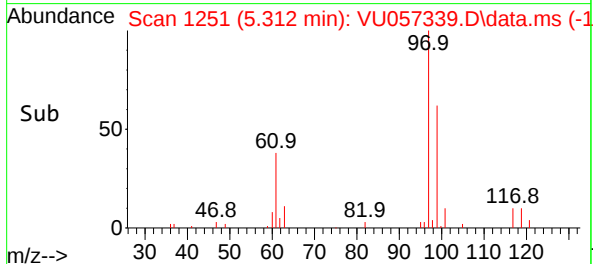
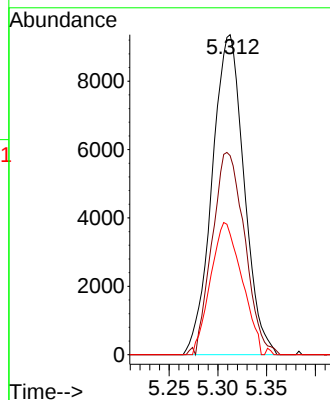
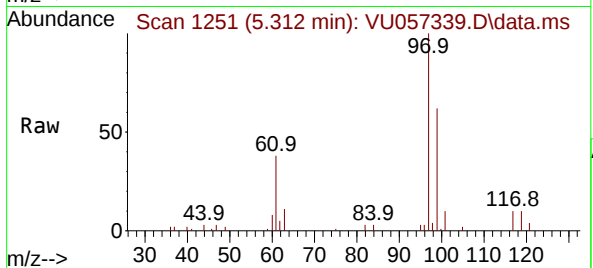
Tgt Ion: 97 Resp: 21340

Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 40.5 34.1 51.1



#34

Trichloroethene

Concen: 5.004 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

Tgt Ion: 95 Resp: 87443

Ion Ratio Lower Upper

95 100

97 64.1 45.3 84.1

132 87.8 63.1 117.3

130 92.6 67.7 125.7

