

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055618.D
 Acq On : 02 Oct 2023 21:18
 Operator : MD/SY
 Sample : VU1002WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:04:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

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

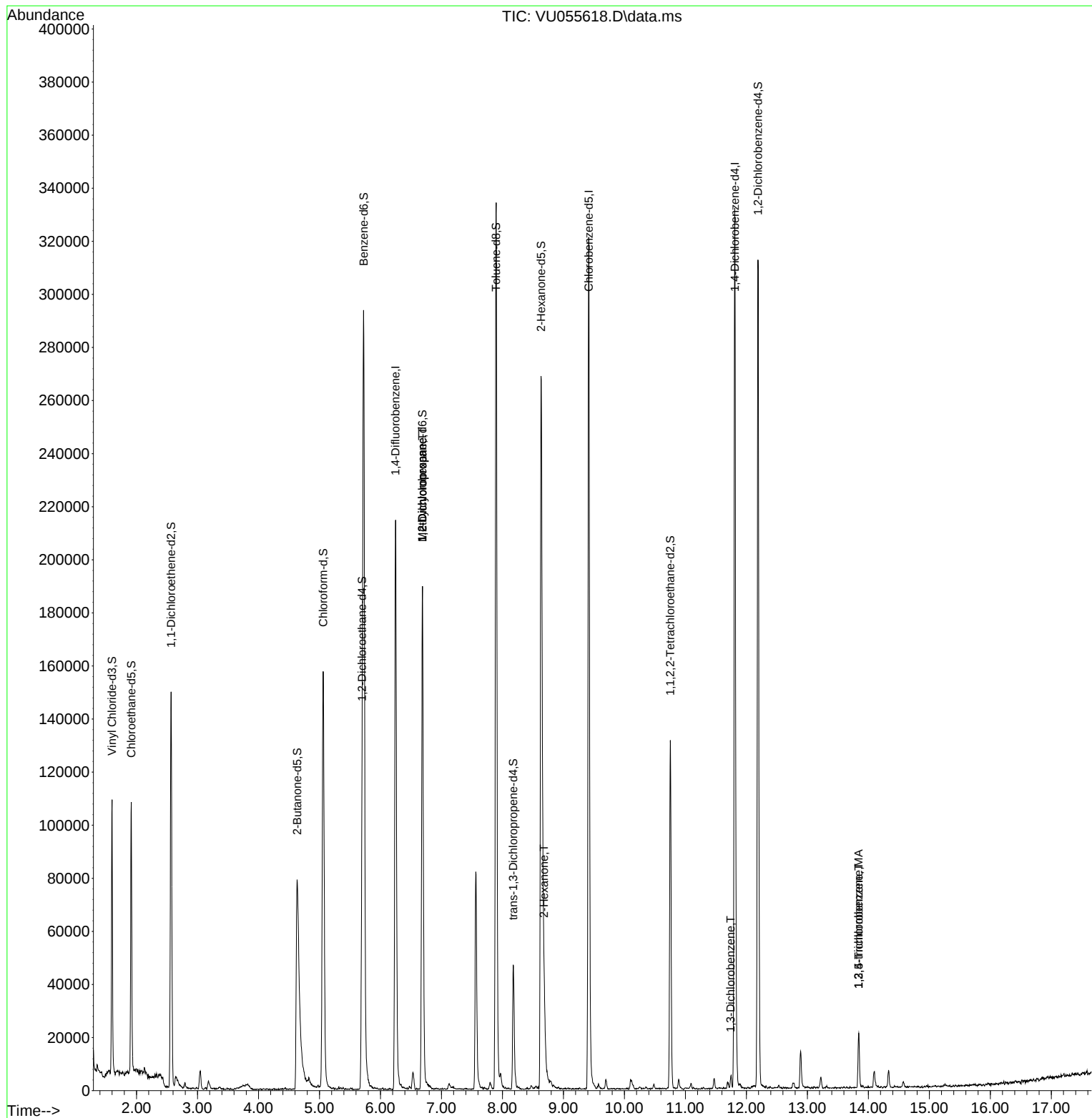
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179308	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	87390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71167	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.914	69	71372	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.566	65	28673	3.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.634	46	163101	51.184	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	5.061	84	147757	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.698	65	74832	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.724	84	279974	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.688	67	88968	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.897	98	229396	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	29091	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.634	63	90767	45.377	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	66230	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	79485	4.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.688	83	21191	1.008	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	9843	0.729	ug/L #	88
48) 2-Hexanone	8.682	43	19677	4.147	ug/L #	74
64) 1,3-Dichlorobenzene	11.743	146	2378	0.099	ug/L	86
69) 1,3,5-Trichlorobenzene	13.842	180	6301	0.379	ug/L	98
70) 1,2,4-trichlorobenzene	13.842	180	6301	0.498	ug/L	99

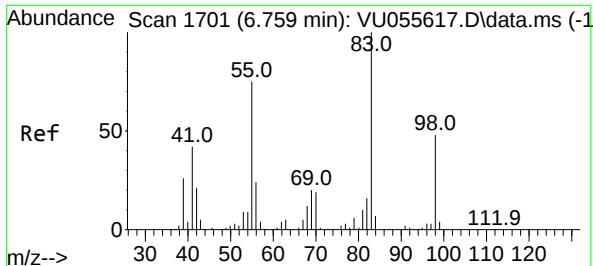
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
Data File : VU055618.D
Acq On : 02 Oct 2023 21:18
Operator : MD/SY
Sample : VU1002WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 03 06:04:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 03 06:03:59 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 1.008 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055618.D

Acq: 02 Oct 2023 21:18

Instrument :

MSVOA_U

ClientSampleId :

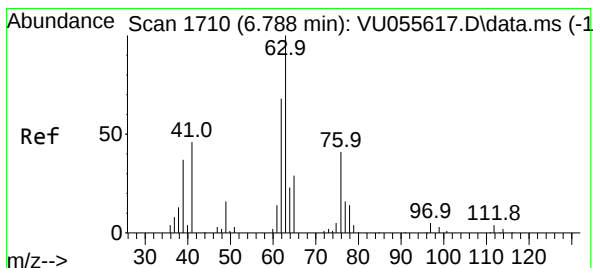
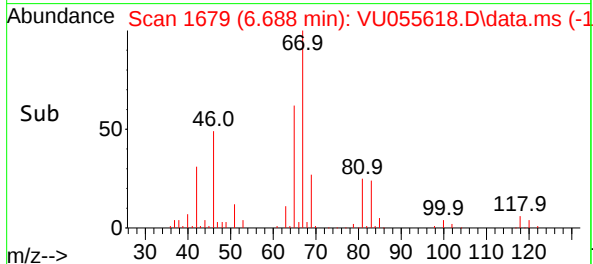
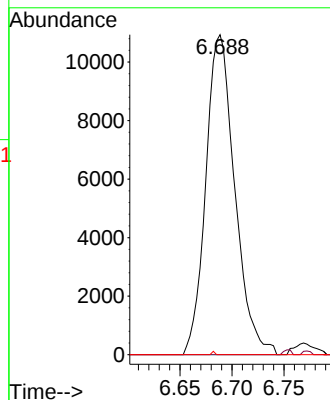
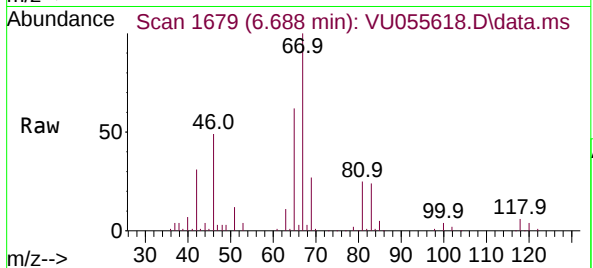
Tgt Ion: 83 Resp: 21191

Ion Ratio Lower Upper

83 100

55 0.4 59.1 88.7#

98 0.1 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.729 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU055618.D

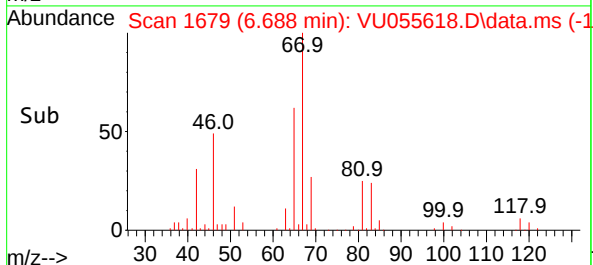
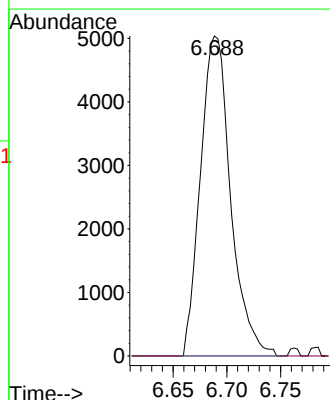
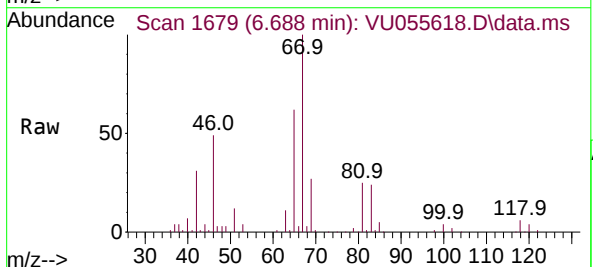
Acq: 02 Oct 2023 21:18

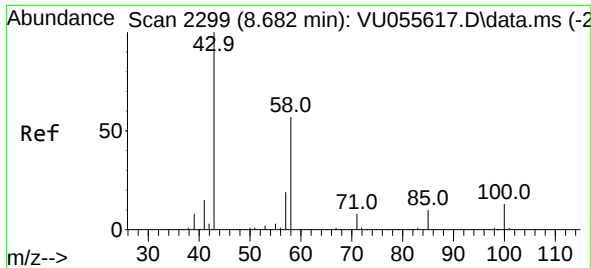
Tgt Ion: 63 Resp: 9843

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



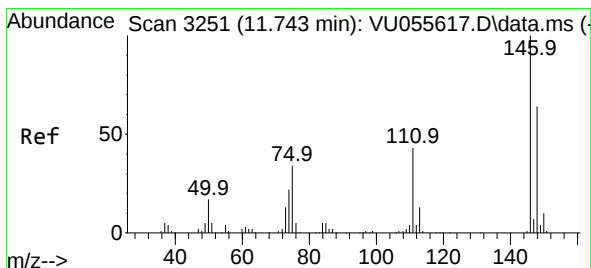
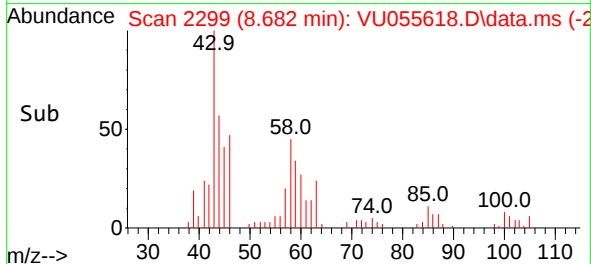
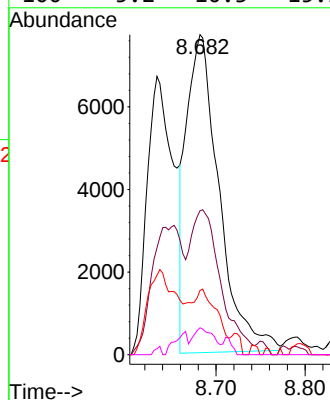
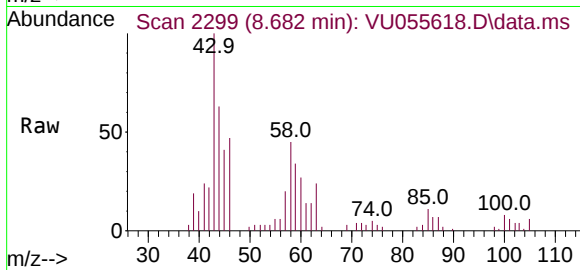


#48
2-Hexanone
Concen: 4.147 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055618.D
Acq: 02 Oct 2023 21:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 19677

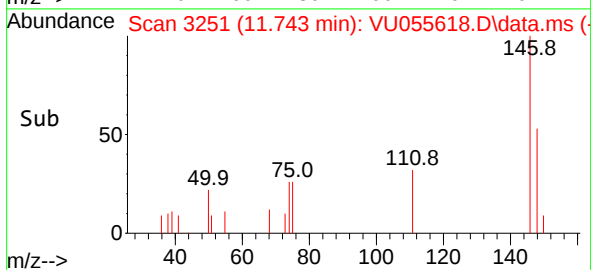
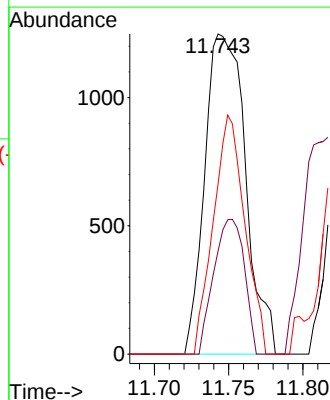
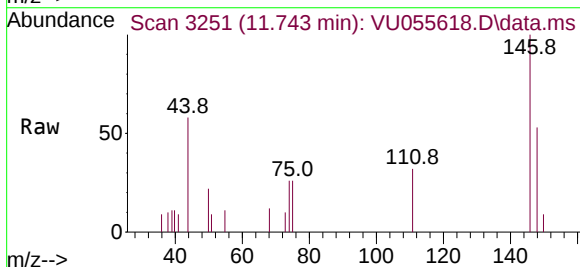
Ion	Ratio	Lower	Upper
43	100		
58	37.2	48.5	72.7#
57	14.2	17.0	25.4#
100	5.2	10.3	15.5#

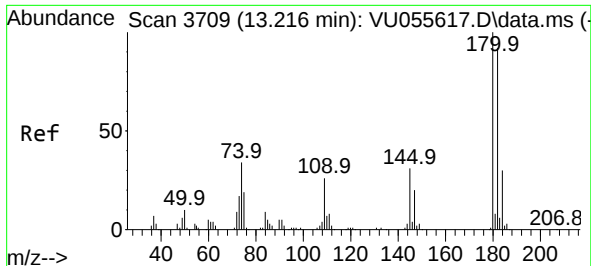


#64
1,3-Dichlorobenzene
Concen: 0.099 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055618.D
Acq: 02 Oct 2023 21:18

Tgt Ion: 146 Resp: 2378

Ion	Ratio	Lower	Upper
146	100		
111	32.3	28.8	53.6
148	53.2	44.6	82.8





#69

1,3,5-Trichlorobenzene

Concen: 0.379 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.627 min

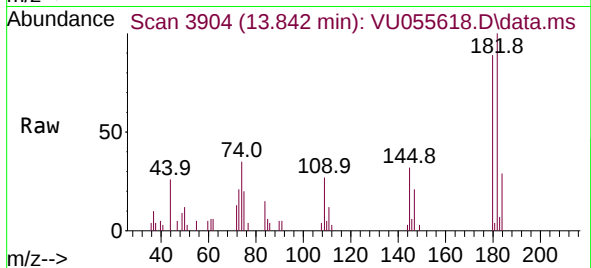
Lab File: VU055618.D

Acq: 02 Oct 2023 21:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 6301

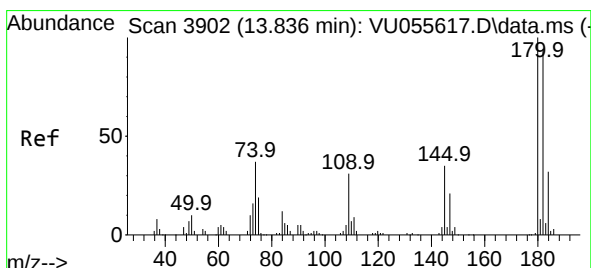
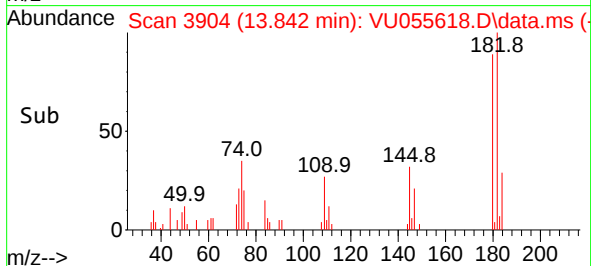
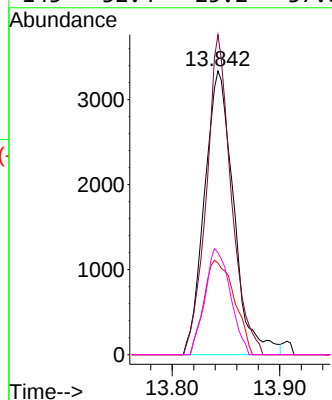
Ion Ratio Lower Upper

180 100

182 96.0 77.1 115.7

184 34.6 24.0 36.0

145 32.4 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.498 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU055618.D

Acq: 02 Oct 2023 21:18

Tgt Ion:180 Resp: 6301

Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 32.4 25.4 38.0

