

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055626.D
 Acq On : 03 Oct 2023 00:37
 Operator : MD/SY
 Sample : VIBLK149
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK149

Quant Time: Oct 03 06:25:50 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)

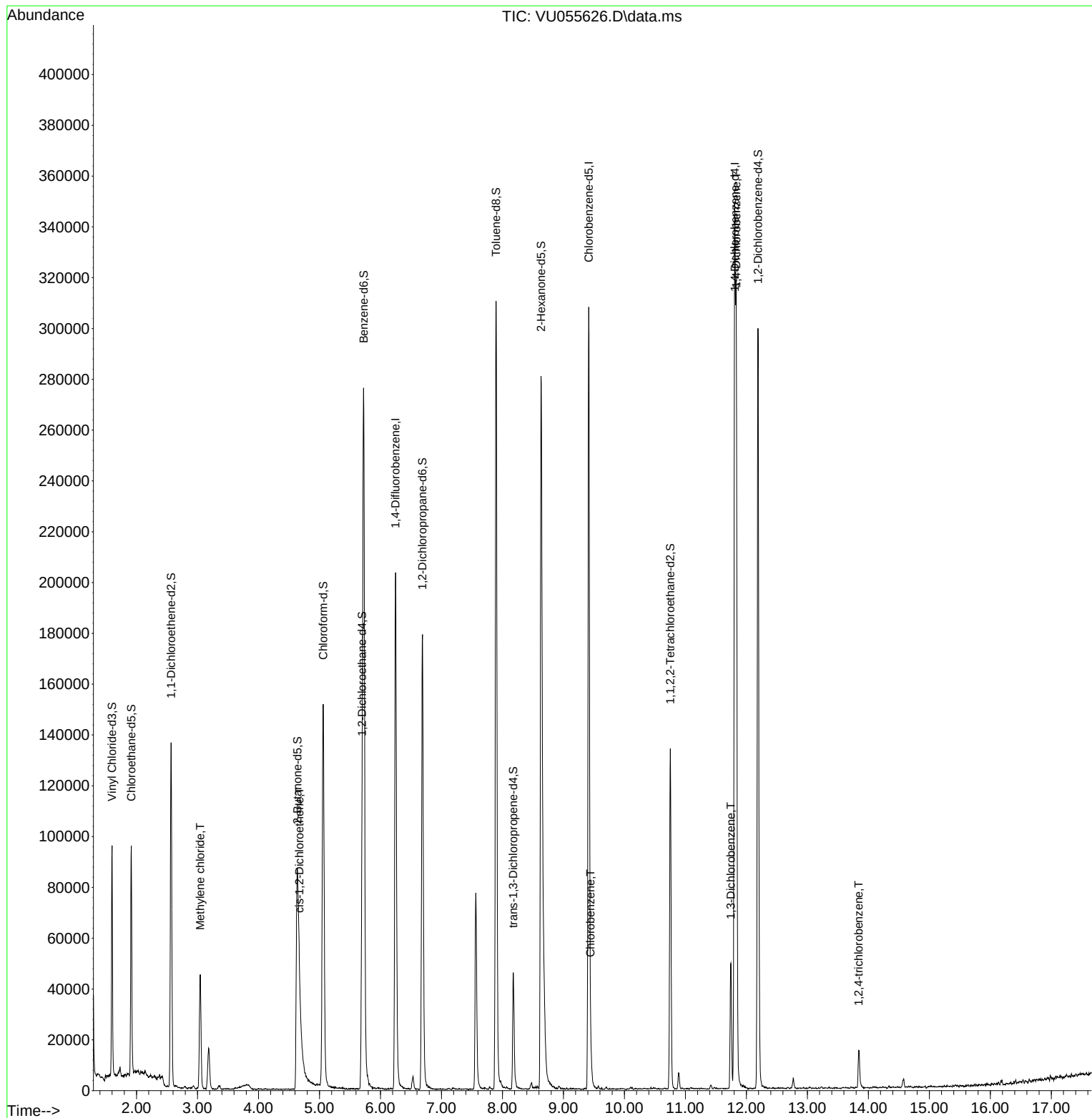
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167792	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63196	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.914	69	62489	4.181	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.567	65	25674	3.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.637	46	171218	55.897	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.800%
24) Chloroform-d	5.062	84	140706	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.698	65	71365	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.724	84	262859	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.689	67	85468	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	217707	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	26809	4.253	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.634	63	93771	48.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68244	5.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	77648	4.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	21550	1.533	ug/L	94
22) cis-1,2-Dichloroethene	4.669	96	3551	0.259	ug/L	90
51) Chlorobenzene	9.444	112	7075	0.209	ug/L	88
64) 1,3-Dichlorobenzene	11.746	146	21368	0.901	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	112274	4.737	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	5646	0.453	ug/L	93

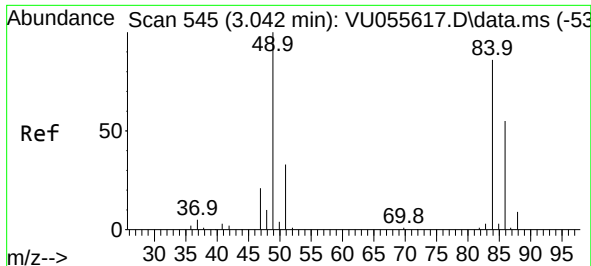
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 03 06:03:59 2023
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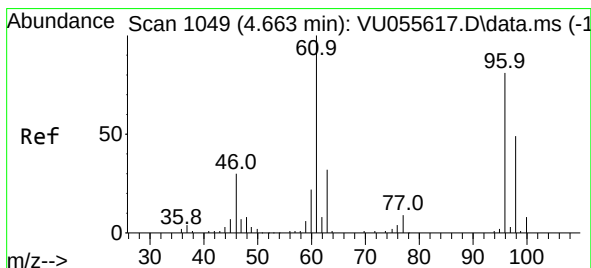
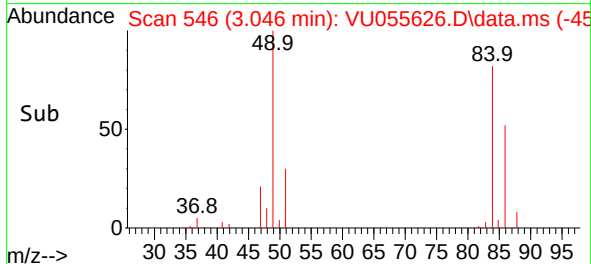
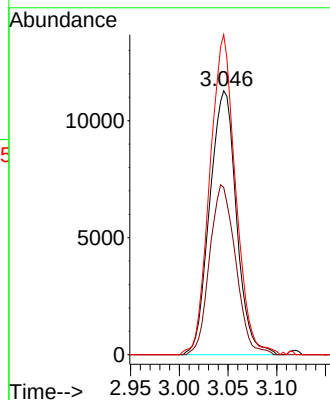
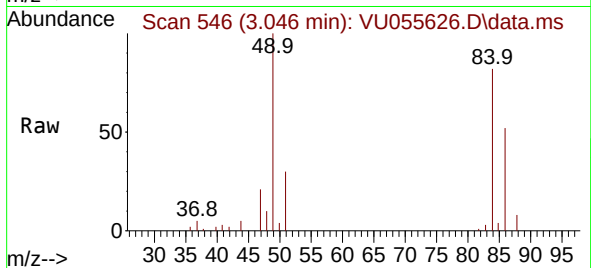




#16
Methylene chloride
Concen: 1.533 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055626.D
Acq: 03 Oct 2023 00:37

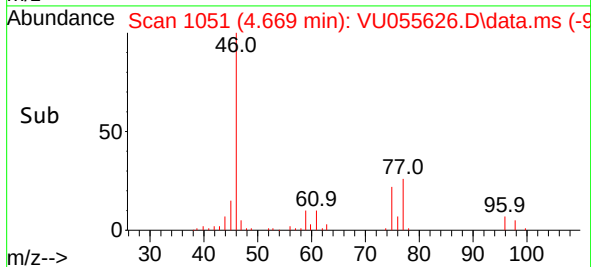
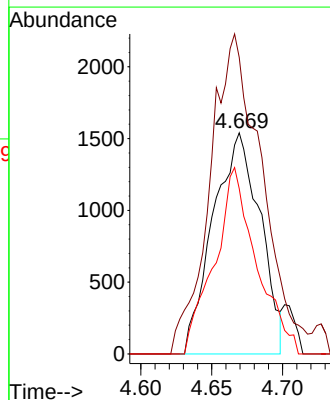
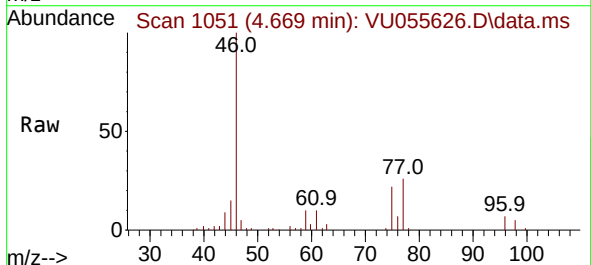
Instrument :
MSVOA_U
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VIBLK149

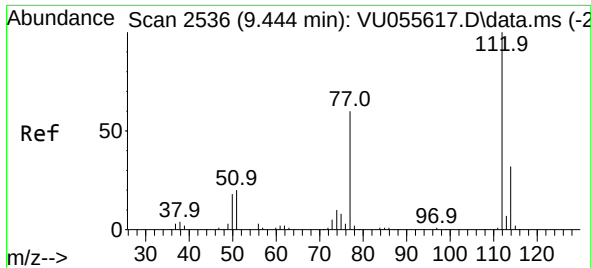
Tgt Ion: 84 Resp: 21550
Ion Ratio Lower Upper
84 100
86 63.4 44.9 83.3
49 121.3 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 0.259 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU055626.D
Acq: 03 Oct 2023 00:37

Tgt Ion: 96 Resp: 3551
Ion Ratio Lower Upper
96 100
61 134.1 87.8 163.2
98 74.7 44.4 82.4

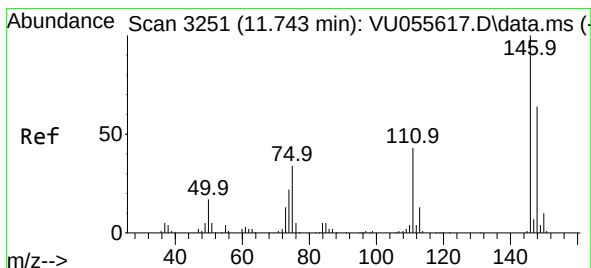
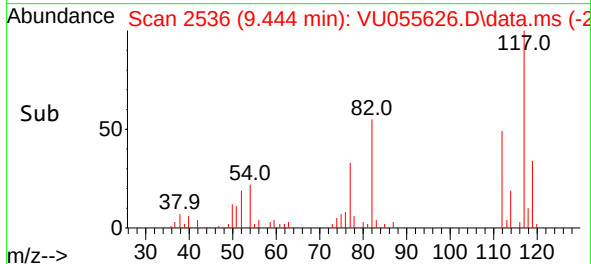
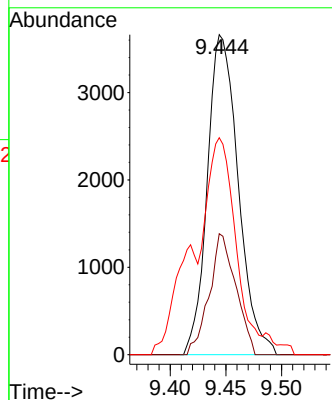
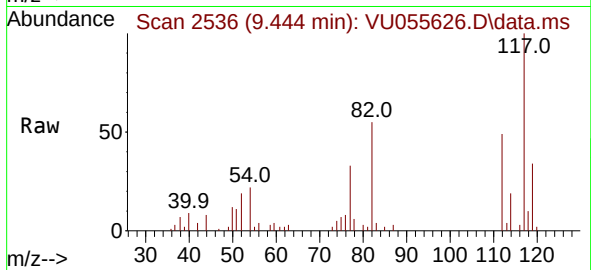




#51
Chlorobenzene
Concen: 0.209 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055626.D
Acq: 03 Oct 2023 00:37

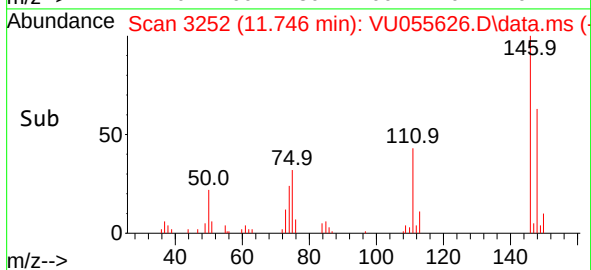
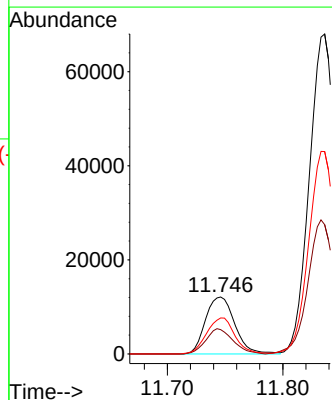
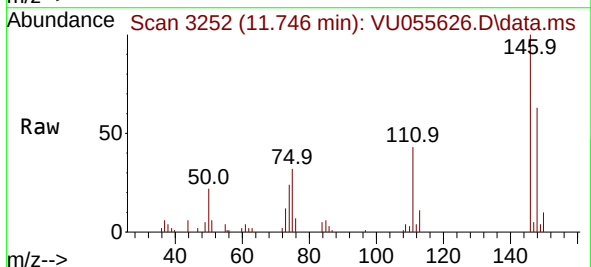
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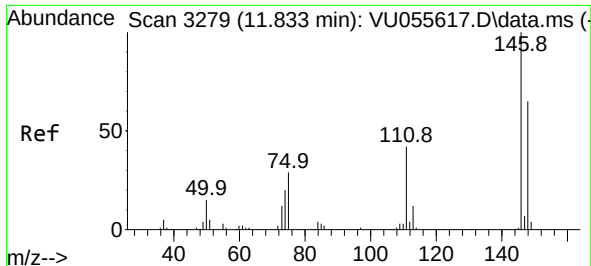
Tgt Ion:112 Resp: 7075
Ion Ratio Lower Upper
112 100
114 37.8 22.0 40.8
77 67.8 46.9 70.3



#64
1,3-Dichlorobenzene
Concen: 0.901 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU055626.D
Acq: 03 Oct 2023 00:37

Tgt Ion:146 Resp: 21368
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.6
148 63.4 44.6 82.8

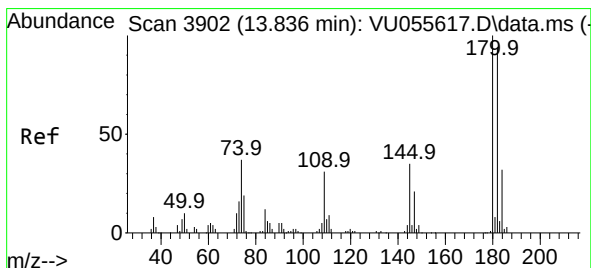
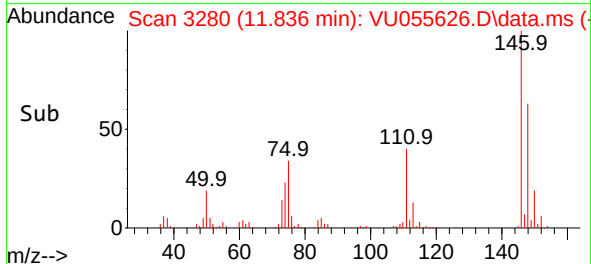
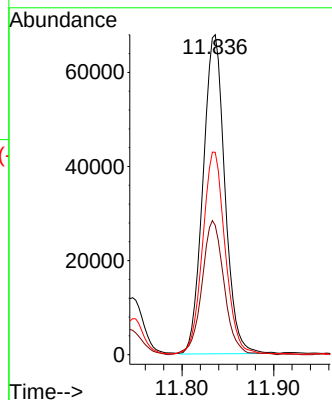
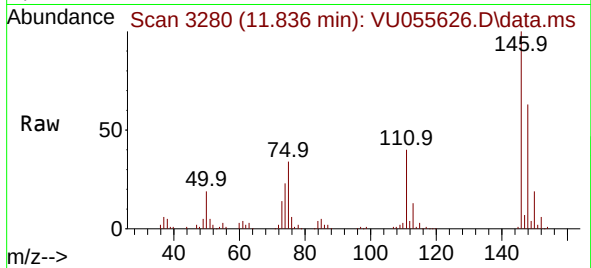




#65
 1,4-Dichlorobenzene
 Concen: 4.737 ug/L
 RT: 11.836 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU055626.D
 Acq: 03 Oct 2023 00:37

Instrument :
 MSVOA_U
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 VIBLK149

Tgt Ion:146 Resp: 112274
 Ion Ratio Lower Upper
 146 100
 111 40.4 29.0 53.8
 148 63.3 45.4 84.4



#70
 1,2,4-trichlorobenzene
 Concen: 0.453 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.006 min
 Lab File: VU055626.D
 Acq: 03 Oct 2023 00:37

Tgt Ion:180 Resp: 5646
 Ion Ratio Lower Upper
 180 100
 182 103.4 76.4 114.6
 145 28.8 25.4 38.0

