

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052631.D
 Acq On : 06 Jan 2023 16:26
 Operator : JC/MD
 Sample : 01036-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLD7

Quant Time: Jan 07 01:36:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:30:36 2023
 Response via : Initial Calibration

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

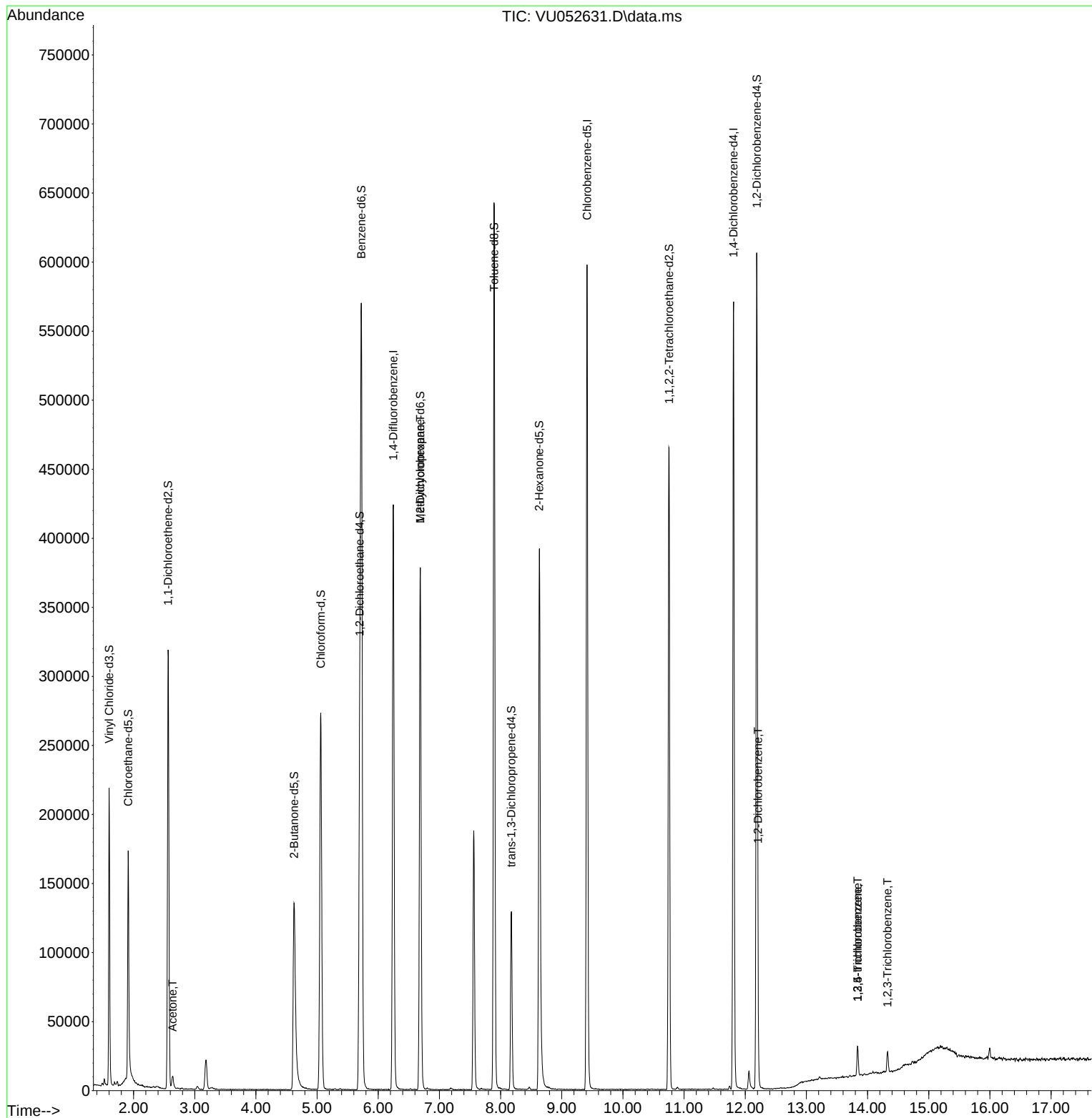
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	315991	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	304527	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	137096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	158873	44.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.280%
7) Chloroethane-d5	1.912	69	120835	43.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.780%
11) 1,1-Dichloroethene-d2	2.565	63	202893	34.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.320%
21) 2-Butanone-d5	4.623	46	217655	96.629	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.630%
24) Chloroform-d	5.060	84	247387	44.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	5.697	65	171697	46.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
32) Benzene-d6	5.722	84	504630	47.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	6.687	67	179434	48.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.980%
41) Toluene-d8	7.893	98	406318	45.498	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.176	79	72656	45.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.380%
47) 2-Hexanone-d5	8.632	63	131945	101.194	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.190%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	235983	48.411	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.820%
66) 1,2-Dichlorobenzene-d4	12.188	152	145498	55.275	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.540%
Target Compounds						
13) Acetone	2.639	43	11549	5.058	ug/L	Qvalue 100
35) Methylcyclohexane	6.687	83	38875	10.178	ug/L	# 14
67) 1,2-Dichlorobenzene	12.208	146	8212	2.051	ug/L	91
69) 1,3,5-Trichlorobenzene	13.838	180	6457	2.347	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	6457	2.759	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	4646	1.932	ug/L	96

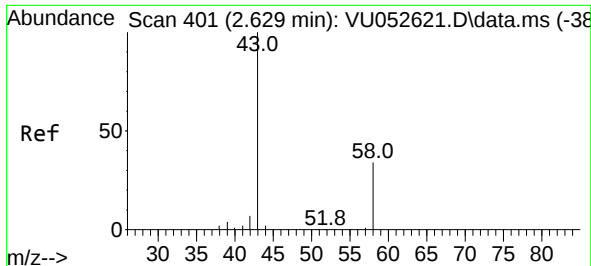
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
Data File : VU052631.D
Acq On : 06 Jan 2023 16:26
Operator : JC/MD
Sample : 01036-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLD7

Quant Time: Jan 07 01:36:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 07 00:30:36 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.058 ug/L

RT: 2.639 min Scan# 401

Delta R.T. 0.010 min

Lab File: VU052631.D

Acq: 06 Jan 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

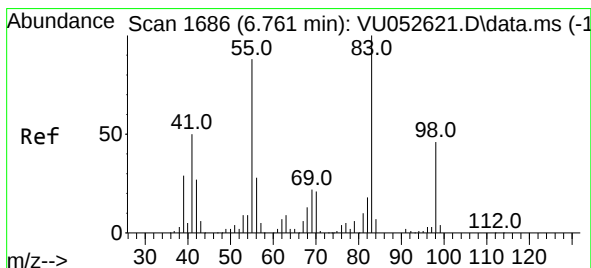
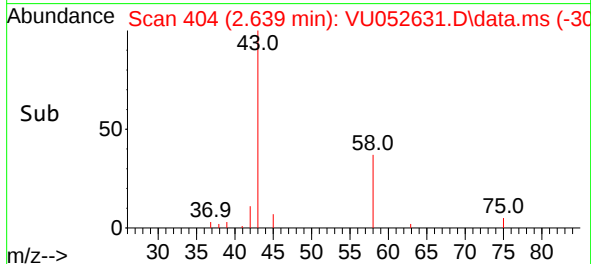
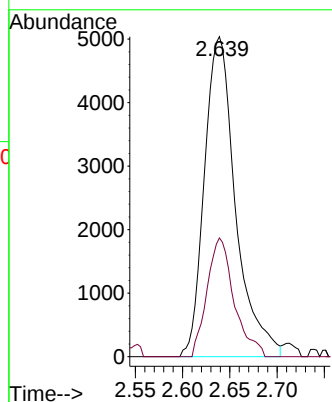
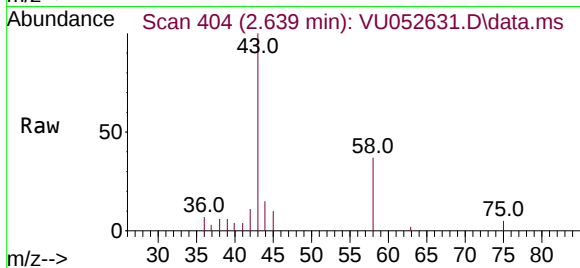
COLD7

Tgt Ion: 43 Resp: 11549

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.4



#35

Methylcyclohexane

Concen: 10.178 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052631.D

Acq: 06 Jan 2023 16:26

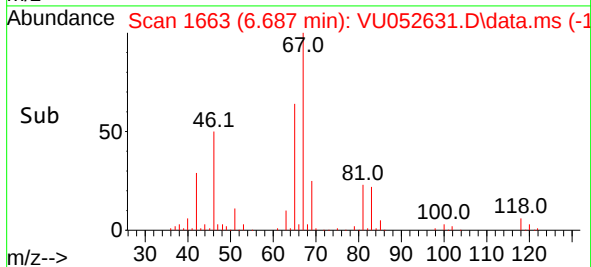
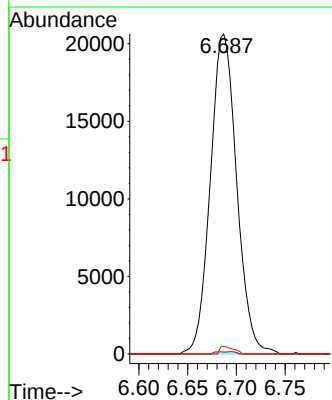
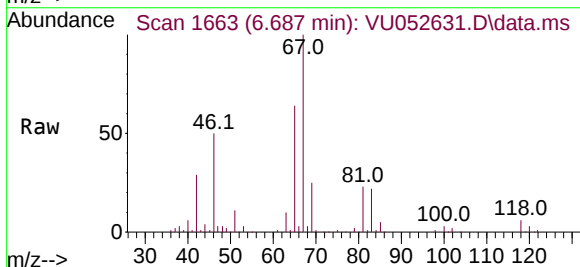
Tgt Ion: 83 Resp: 38875

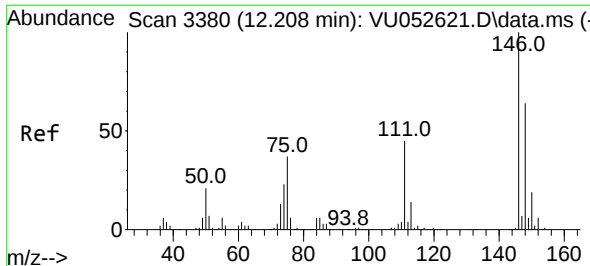
Ion Ratio Lower Upper

83 100

55 0.2 71.0 106.4#

98 1.2 37.0 55.6#





#67

1,2-Dichlorobenzene

Concen: 2.051 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052631.D

Acq: 06 Jan 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

COLD7

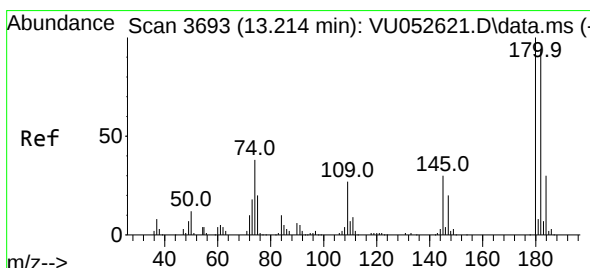
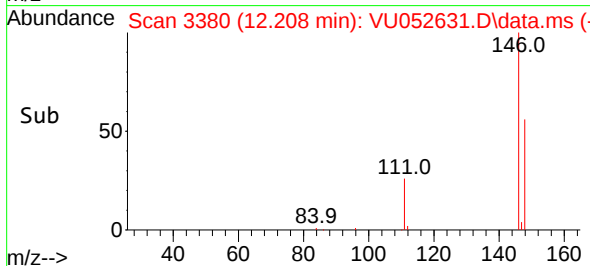
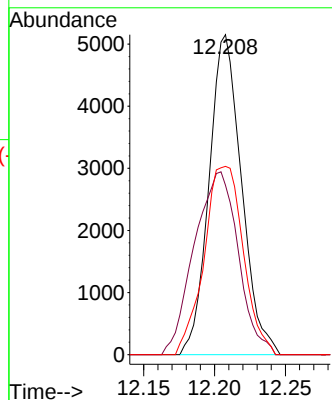
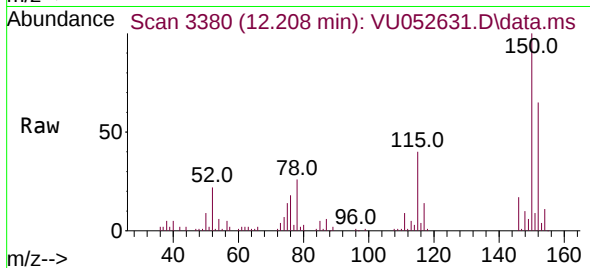
Tgt Ion:146 Resp: 8212

Ion Ratio Lower Upper

146 100

111 52.9 35.7 53.5

148 58.8 51.4 77.0



#69

1,3,5-Trichlorobenzene

Concen: 2.347 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.624 min

Lab File: VU052631.D

Acq: 06 Jan 2023 16:26

Tgt Ion:180 Resp: 6457

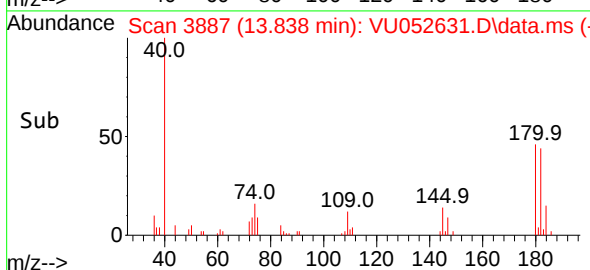
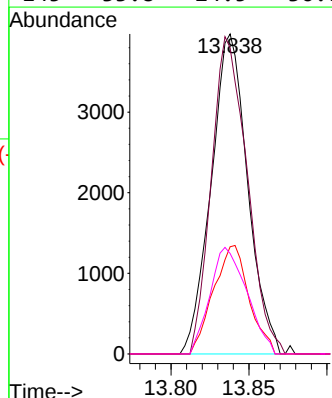
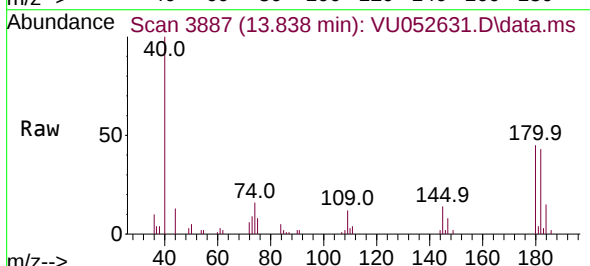
Ion Ratio Lower Upper

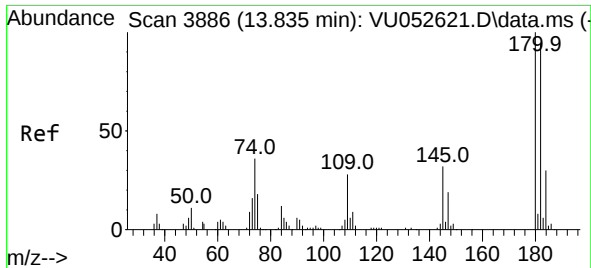
180 100

182 96.7 75.9 113.9

184 33.1 23.8 35.8

145 33.8 24.5 36.7

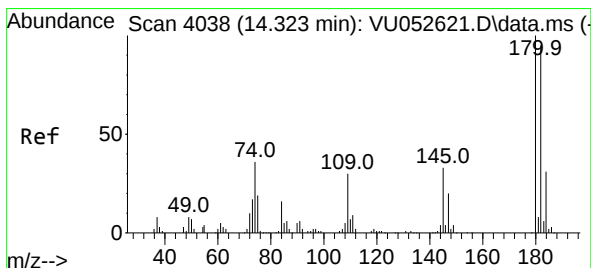
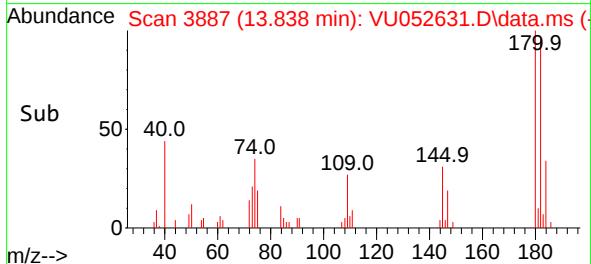
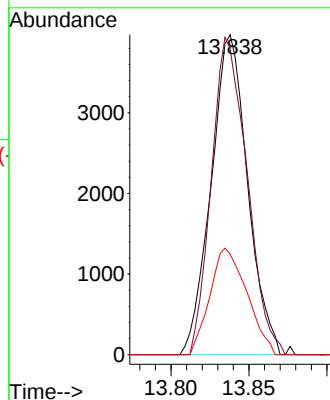
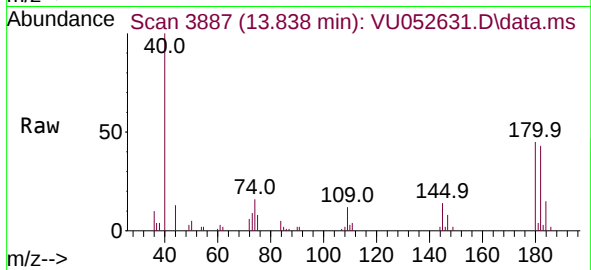




#70
1,2,4-trichlorobenzene
Concen: 2.759 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052631.D
Acq: 06 Jan 2023 16:26

Instrument :
MSVOA_U
ClientSampleId :
COLD7

Tgt Ion:180 Resp: 6457
Ion Ratio Lower Upper
180 100
182 96.7 75.4 113.0
145 33.8 25.0 37.6



#72
1,2,3-Trichlorobenzene
Concen: 1.932 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.004 min
Lab File: VU052631.D
Acq: 06 Jan 2023 16:26

Tgt Ion:180 Resp: 4646
Ion Ratio Lower Upper
180 100
182 100.2 76.4 114.6
145 32.3 27.0 40.4

