

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058414.D
 Acq On : 05 Apr 2024 12:52
 Operator : MD/SY
 Sample : P1902-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:35:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

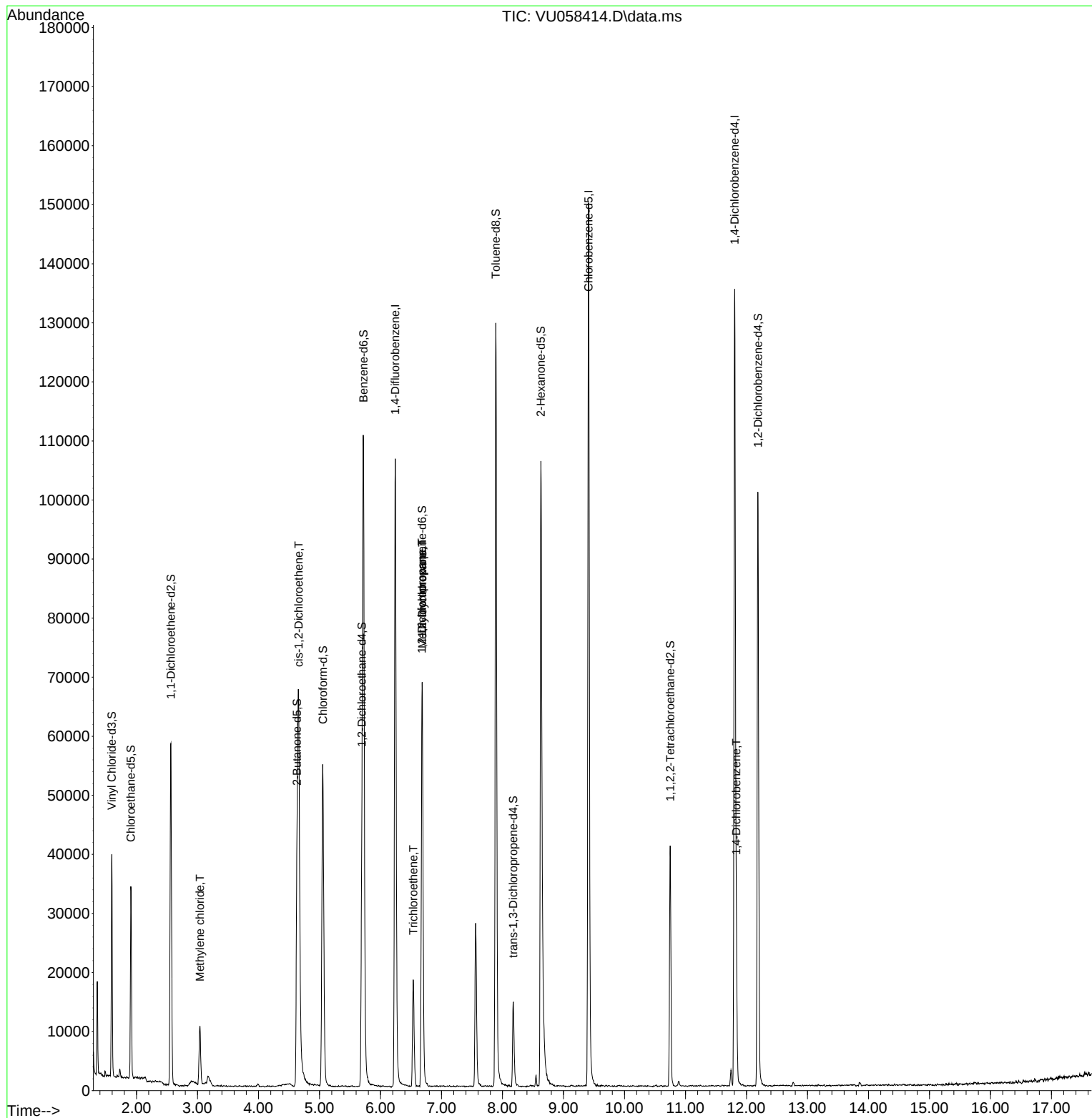
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	84209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	81959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24704	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.907	69	22427	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.563	65	11712	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.631	46	57853	49.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.480%
24) Chloroform-d	5.055	84	51212	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.695	65	25252	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	104105	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	33567	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	87573	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	9212	4.289	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.631	63	38790	43.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21060	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	27052	4.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	4501	0.568	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	25492	3.629	ug/L	99
34) Trichloroethene	6.537	95	6122	0.817	ug/L	98
35) Methylcyclohexane	6.685	83	7310	0.648	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3679	0.471	ug/L #	90
65) 1,4-Dichlorobenzene	11.833	146	8591	0.700	ug/L	96

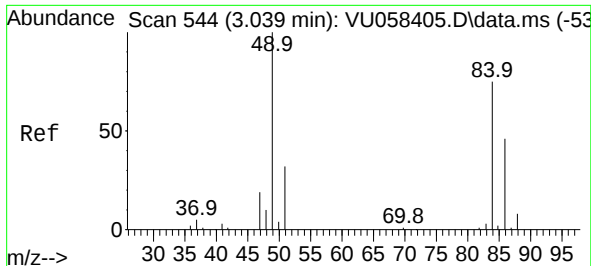
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 23:33:02 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.568 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

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MSVOA_U

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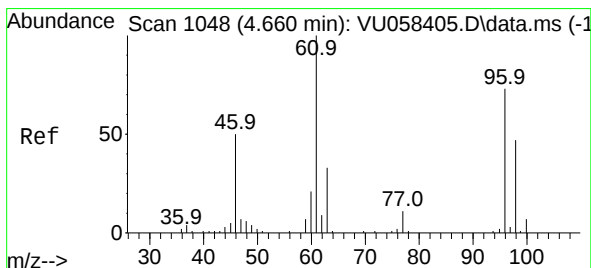
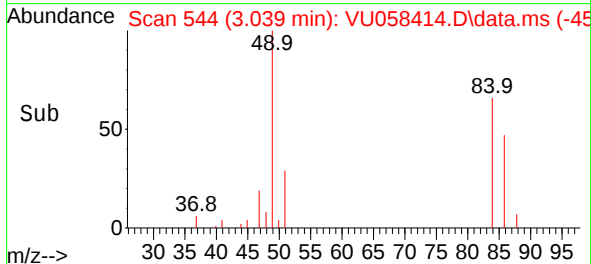
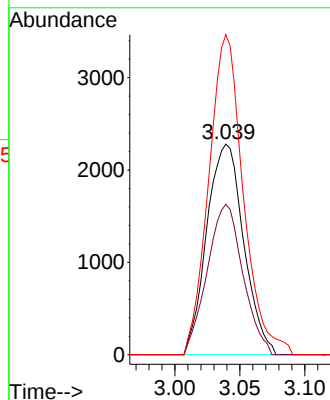
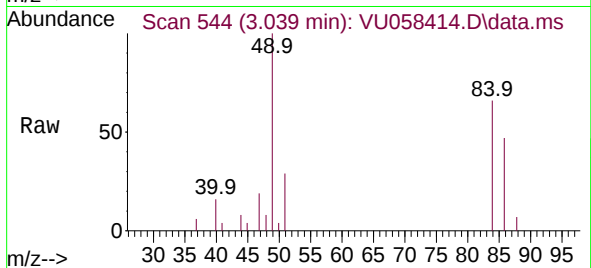
Tgt Ion: 84 Resp: 4501

Ion Ratio Lower Upper

84 100

86 71.3 44.3 82.3

49 152.0 96.0 178.2



#22

cis-1,2-Dichloroethene

Concen: 3.629 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU058414.D

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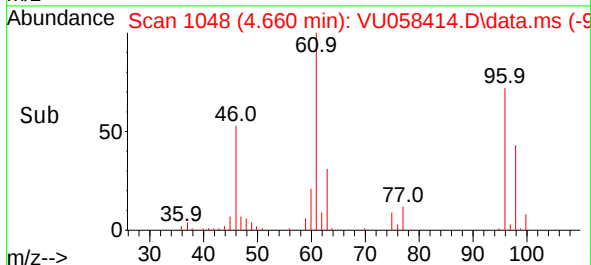
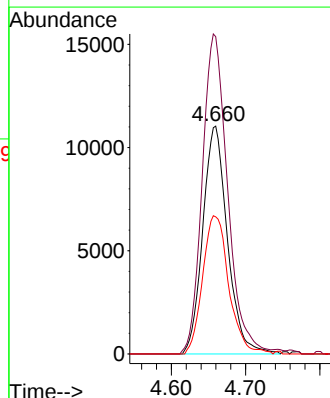
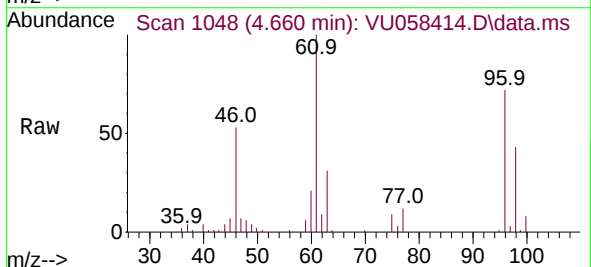
Tgt Ion: 96 Resp: 25492

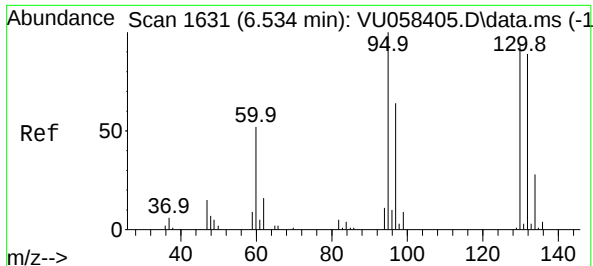
Ion Ratio Lower Upper

96 100

61 139.3 98.1 182.3

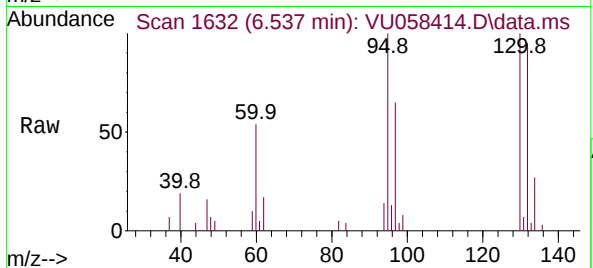
98 60.2 43.6 81.0



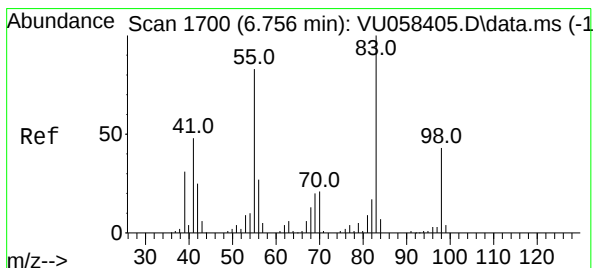
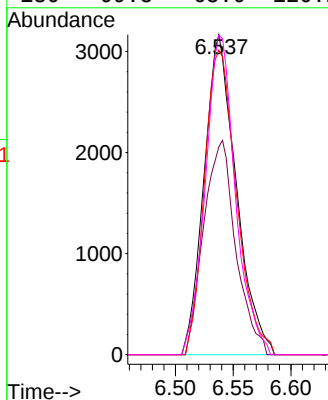
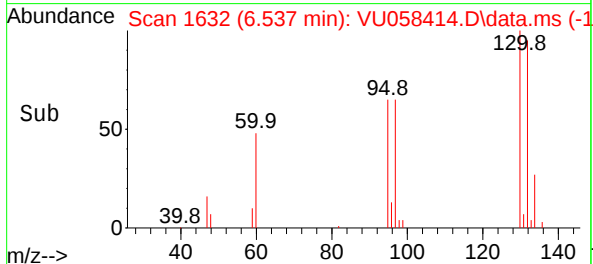


#34
Trichloroethene
Concen: 0.817 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058414.D
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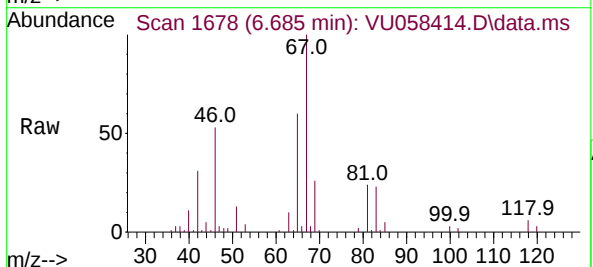
Instrument :
MSVOA_U
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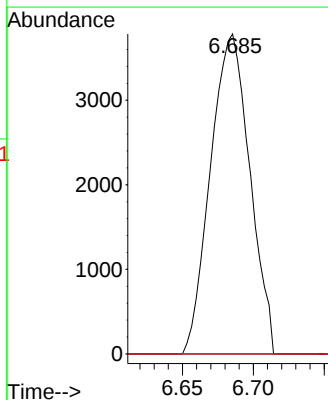
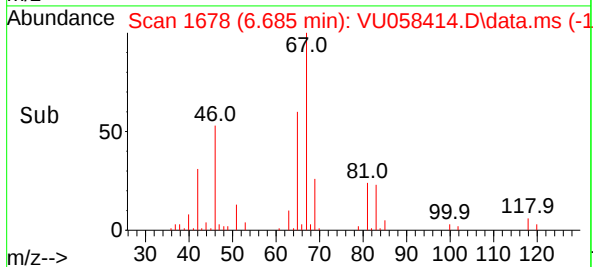
Tgt Ion: 95 Resp: 6122
Ion Ratio Lower Upper
95 100
97 65.0 45.6 84.6
132 95.1 64.8 120.3
130 99.8 68.0 126.2

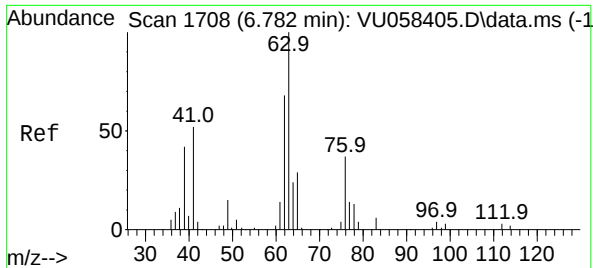


#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058414.D
Acq: 05 Apr 2024 12:52



Tgt Ion: 83 Resp: 7310
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 6.8 34.6 52.0#

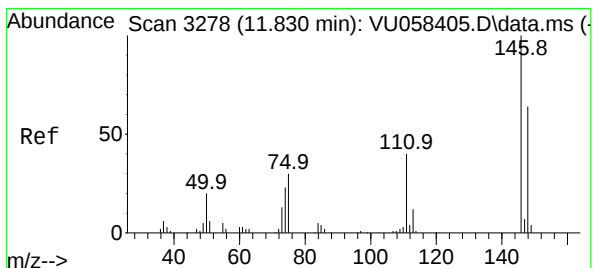
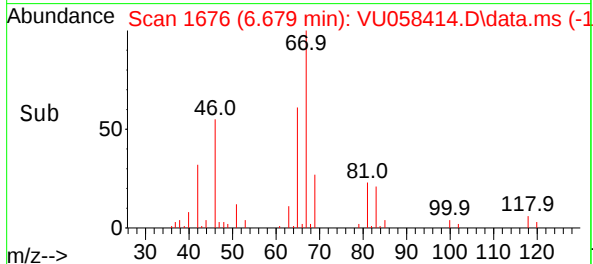
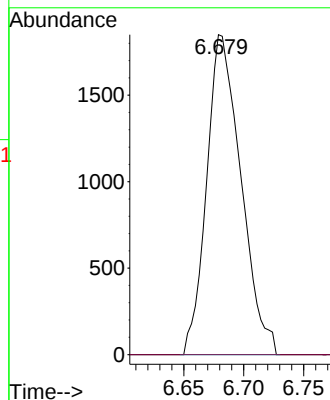
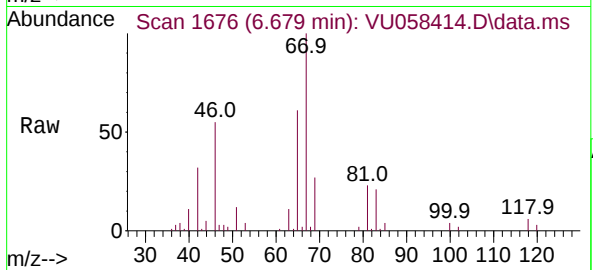




#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058414.D
Acq: 05 Apr 2024 12:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3679
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#65
1,4-Dichlorobenzene
Concen: 0.700 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU058414.D
Acq: 05 Apr 2024 12:52

Tgt Ion:146 Resp: 8591
Ion Ratio Lower Upper
146 100
111 37.3 28.8 53.6
148 62.7 45.3 84.1

