

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056598.D
 Acq On : 22 Nov 2023 19:04
 Operator : MD/SY
 Sample : 05441-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:44:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

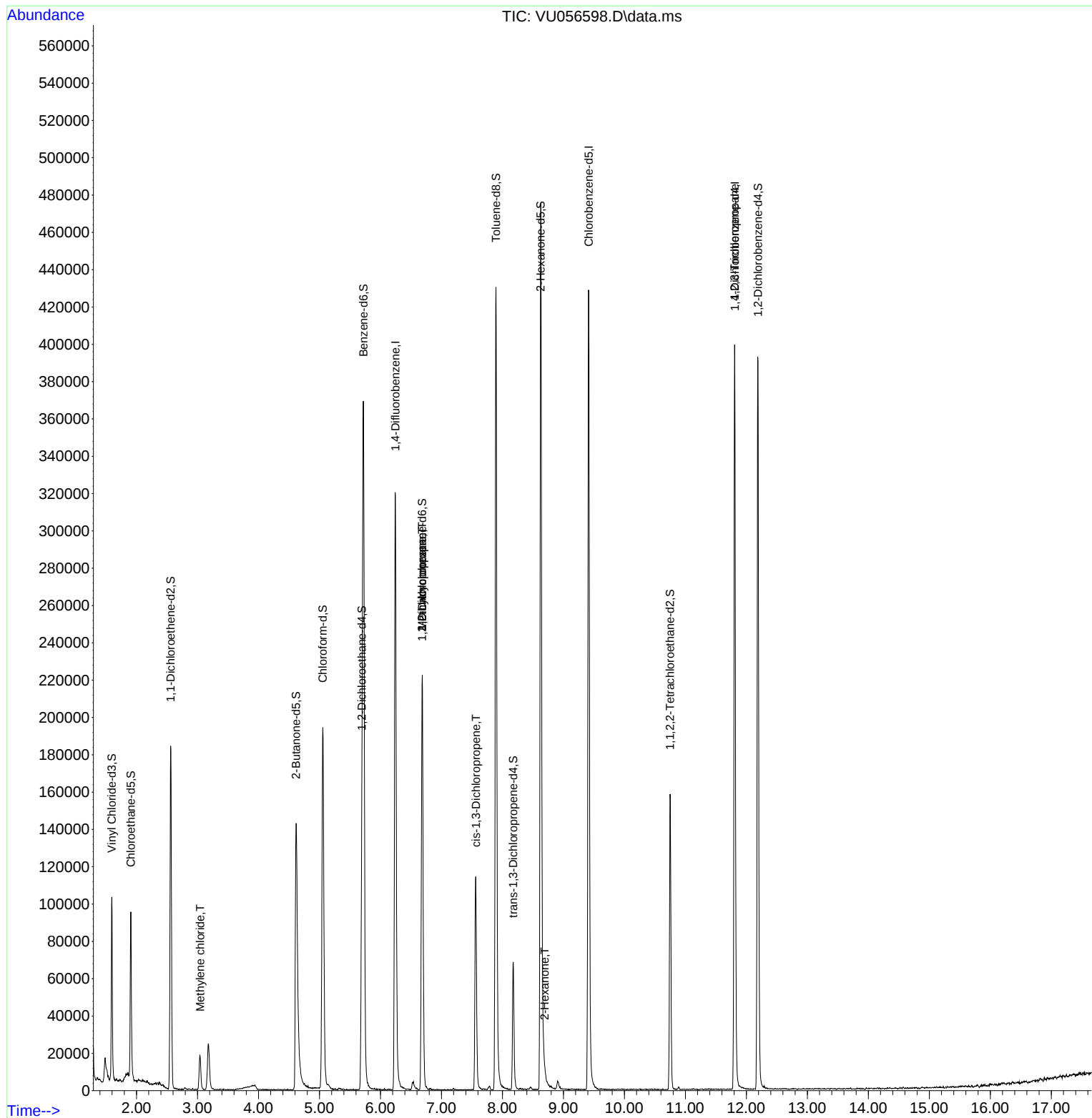
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	261900	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	255371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	110464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70956	3.622	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.400%	
7) Chloroethane-d5	1.907	69	67337	4.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.560	65	35540	4.111	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	4.618	46	208268	53.318	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.640%	
24) Chloroform-d	5.055	84	181944	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.695	65	97472	5.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.400%	
32) Benzene-d6	5.721	84	353559	4.647	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.685	67	107911	4.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.894	98	304745	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.177	79	41213	4.686	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.627	63	160751	46.512	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.020%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78777	4.808	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	107100	5.248	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
16) Methylene chloride	3.042	84	9524	0.449	ug/L	97
35) Methylcyclohexane	6.685	83	25979	0.906	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	11707	0.616	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	3101	0.111	ug/L #	69
48) 2-Hexanone	8.692	43	4742	0.646	ug/L #	43
61) 1,2,3-Trichloropropane	11.807	75	13598	1.435	ug/L #	68

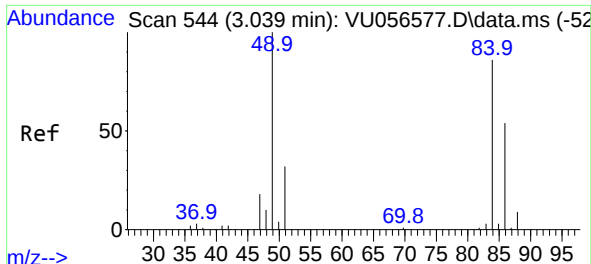
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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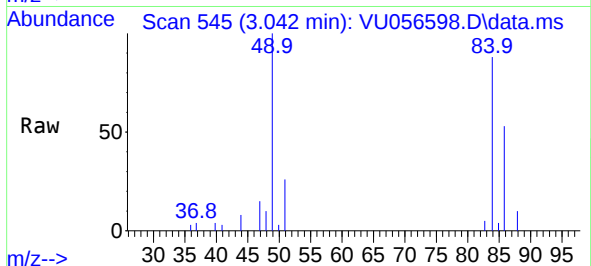
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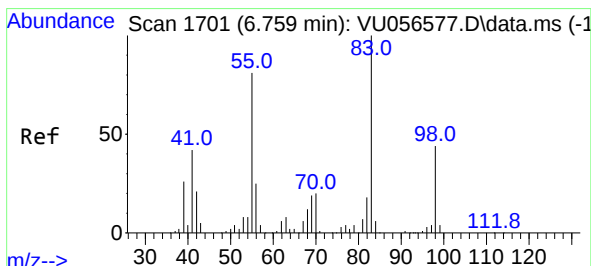
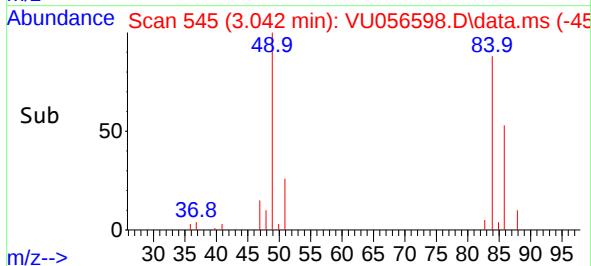
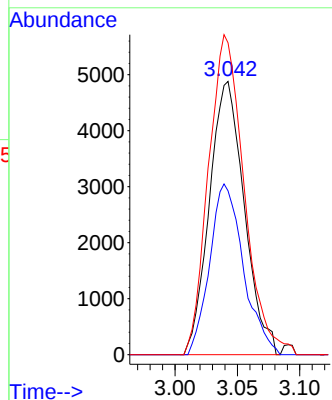


#16
Methylene chloride
Concen: 0.449 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056598.D
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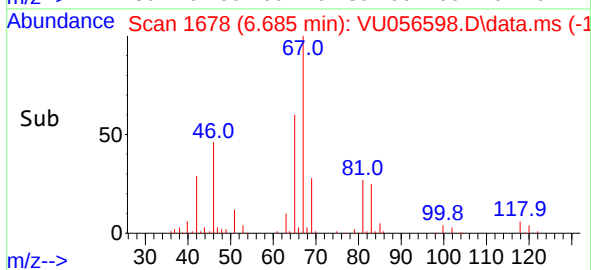
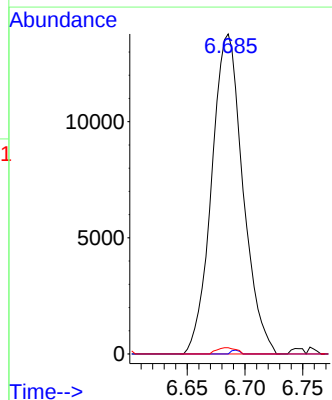
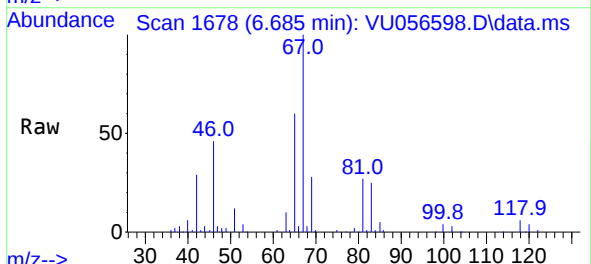


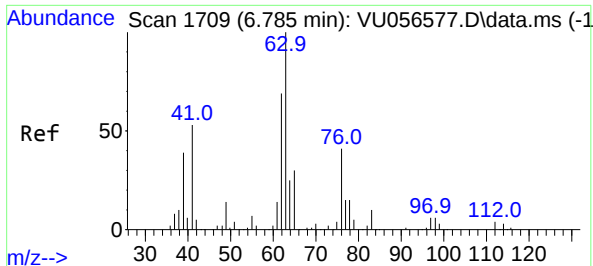
Tgt Ion: 84 Resp: 9524
Ion Ratio Lower Upper
84 100
86 59.9 44.7 83.1
49 114.1 81.8 152.0



#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056598.D
Acq: 22 Nov 2023 19:04

Tgt Ion: 83 Resp: 25979
Ion Ratio Lower Upper
83 100
55 0.3 62.9 94.3#
98 1.2 35.3 52.9#

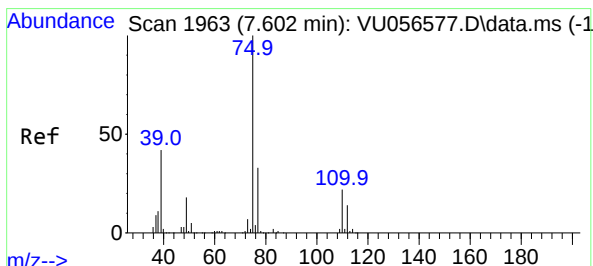
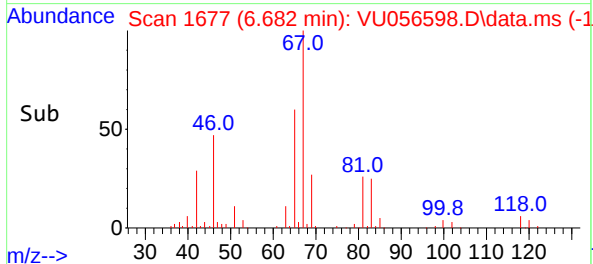
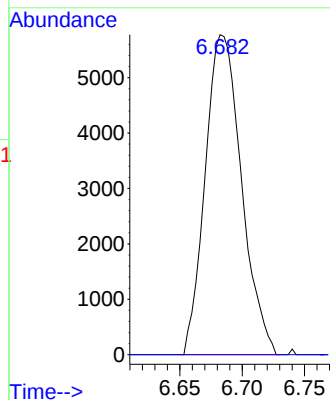
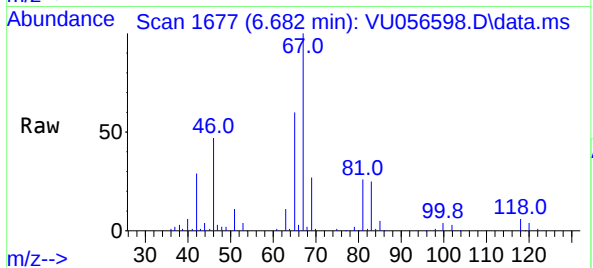




#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.682 min Scan# 11707
Delta R.T. -0.100 min
Lab File: VU056598.D
Acq: 22 Nov 2023 19:04

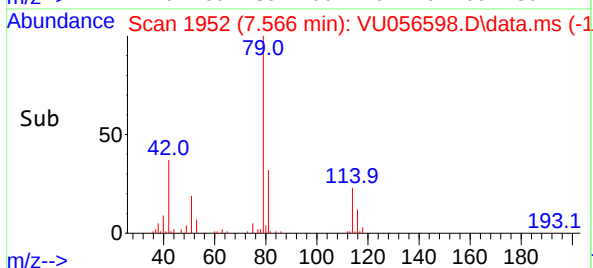
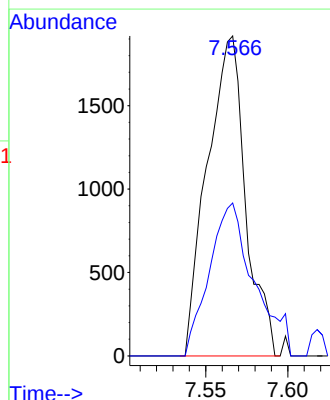
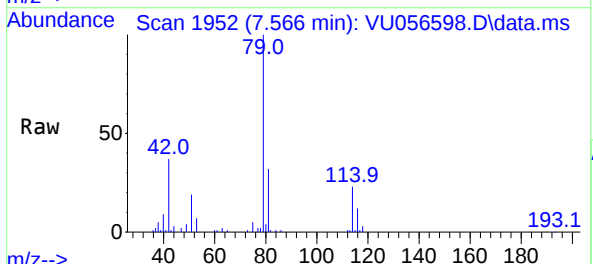
Instrument :
MSVOA_U
ClientSampleId :

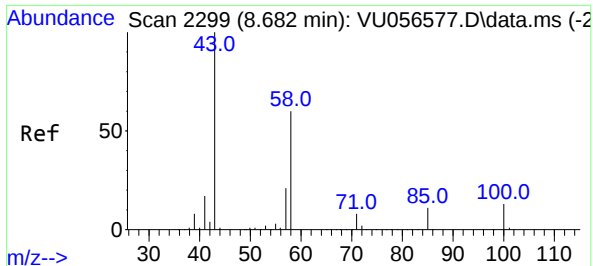
Tgt Ion: 63 Resp: 11707
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.035 min
Lab File: VU056598.D
Acq: 22 Nov 2023 19:04

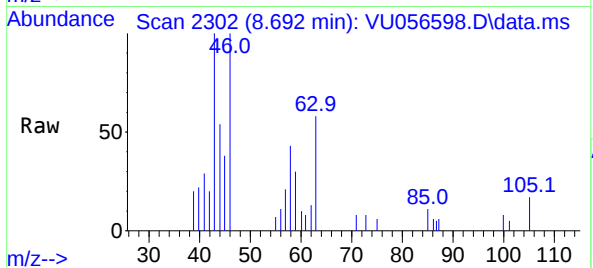
Tgt Ion: 75 Resp: 3101
Ion Ratio Lower Upper
75 100
77 47.8 21.5 39.9#



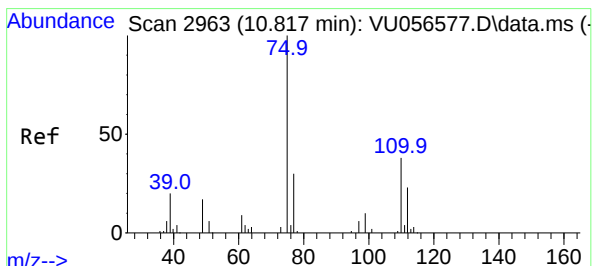
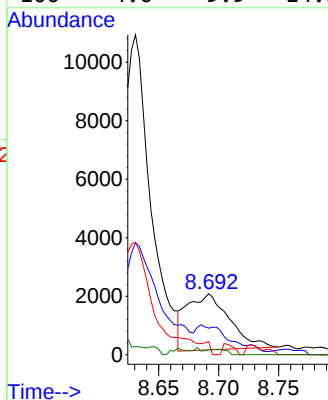
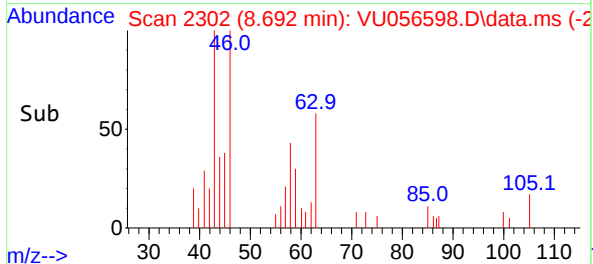


#48
2-Hexanone
Concen: 0.646 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056598.D
Acq: 22 Nov 2023 19:04

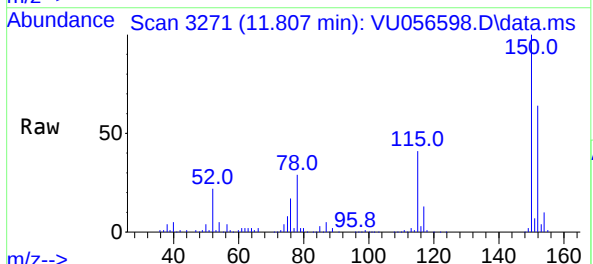
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 4742
Ion Ratio Lower Upper
43 100
58 6.2 48.7 73.1#
57 5.2 16.8 25.2#
100 4.0 9.9 14.9#



#61
1,2,3-Trichloropropane
Concen: 1.435 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056598.D
Acq: 22 Nov 2023 19:04



Tgt Ion: 75 Resp: 13598
Ion Ratio Lower Upper
75 100
110 1.9 30.4 45.6#
77 33.4 27.0 40.6

