

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055139.D
 Acq On : 06 Sep 2023 14:44
 Operator : MD/SY
 Sample : 04267-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D0

Quant Time: Sep 06 20:41:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

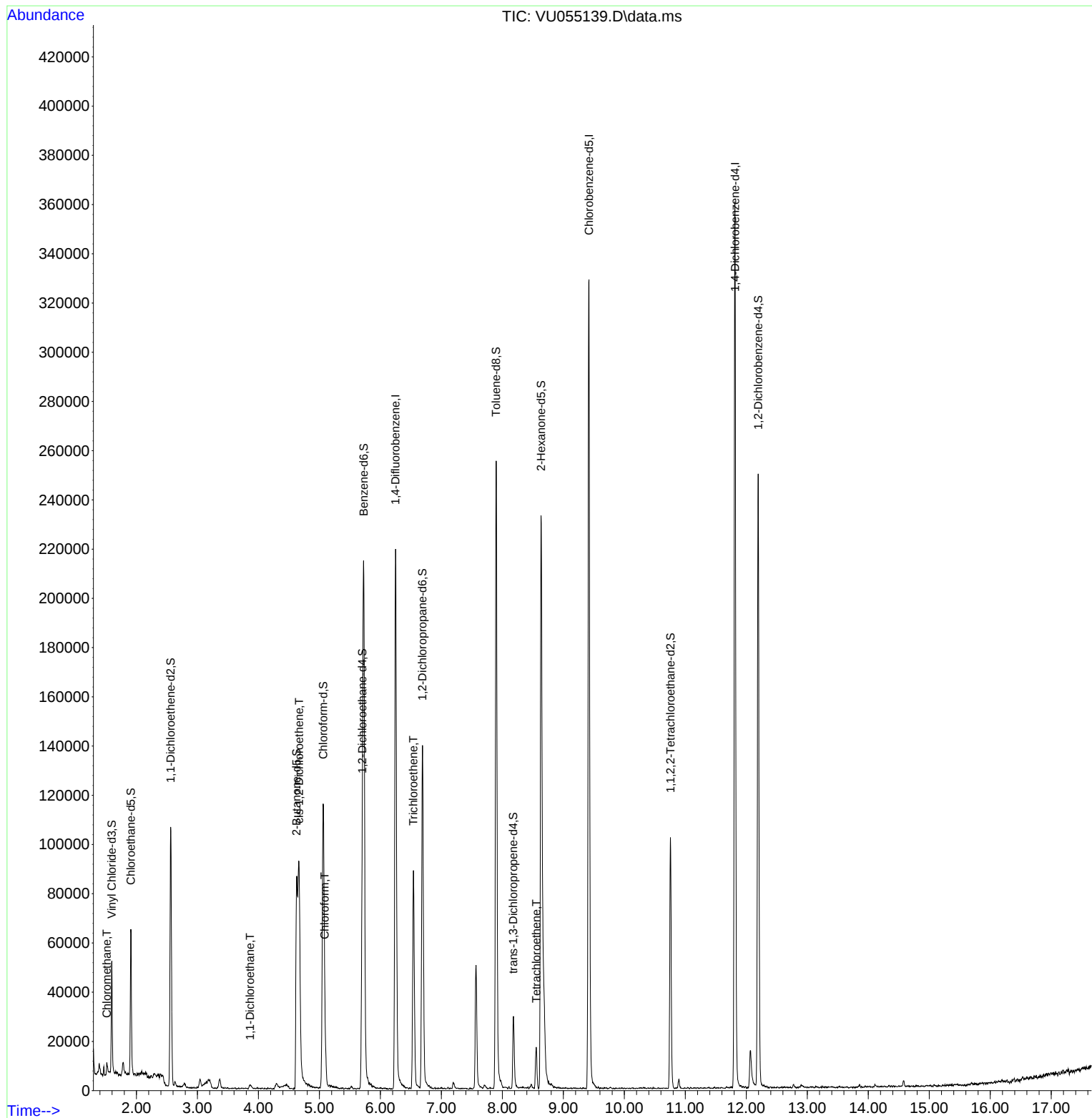
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173374	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	180551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32006	3.939	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.800%	
7) Chloroethane-d5	1.908	69	40009	4.254	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.560	65	19309	4.170	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	4.624	46	127903	54.242	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.480%	
24) Chloroform-d	5.062	84	102308	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.702	65	54734	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.724	84	198308	4.450	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.689	67	65401	4.614	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.898	98	171285	4.172	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	8.177	79	17576	4.502	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.634	63	75329	47.532	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.060%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50066	5.022	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63851	4.671	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						Qvalue
3) Chloromethane	1.512	50	4908	0.479	ug/L	99
19) 1,1-Dichloroethane	3.862	63	2094	0.119	ug/L #	87
22) cis-1,2-Dichloroethene	4.666	96	38524	3.870	ug/L	94
25) Chloroform	5.087	83	16331	0.892	ug/L	95
34) Trichloroethene	6.541	95	29267	2.740	ug/L	95
47) Tetrachloroethene	8.557	164	3260	0.442	ug/L	95

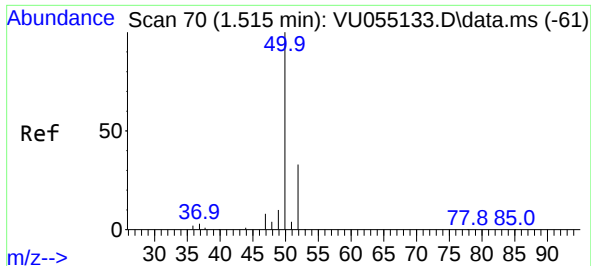
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055139.D
Acq On : 06 Sep 2023 14:44
Operator : MD/SY
Sample : 04267-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4D0

Quant Time: Sep 06 20:41:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

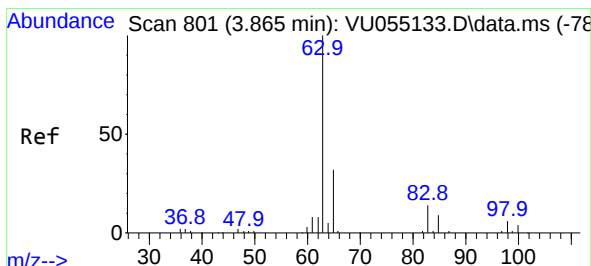
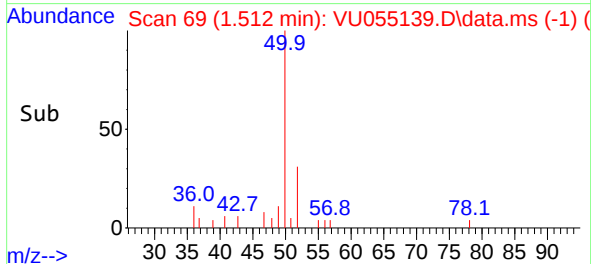
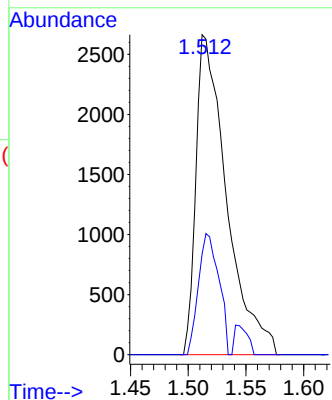
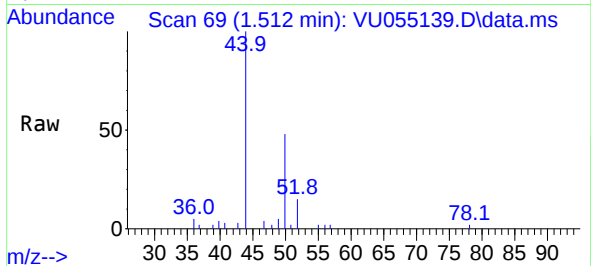




#3
Chloromethane
Concen: 0.479 ug/L
RT: 1.512 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

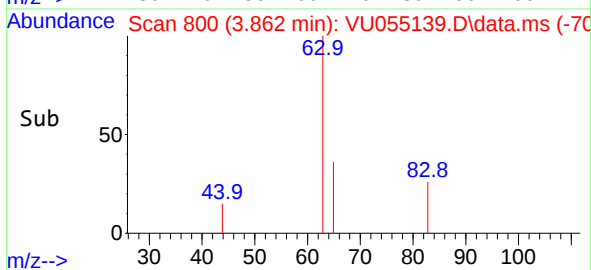
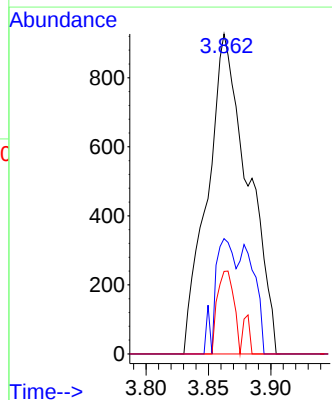
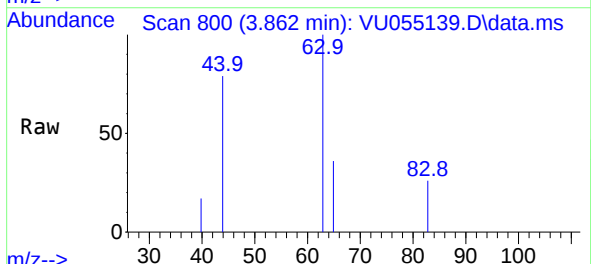
Instrument :
MSVOA_U
ClientSampleId :
BH4D0

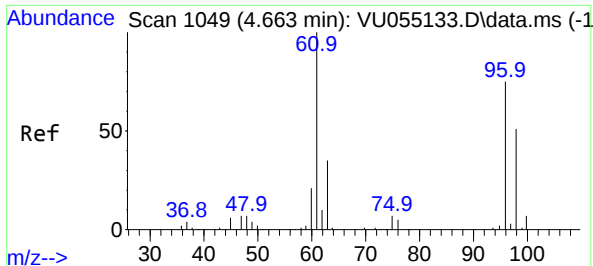
Tgt Ion: 50 Resp: 4908
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.7



#19
1,1-Dichloroethane
Concen: 0.119 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Tgt Ion: 63 Resp: 2094
Ion Ratio Lower Upper
63 100
65 36.0 22.2 41.2
83 25.8 10.6 19.8#

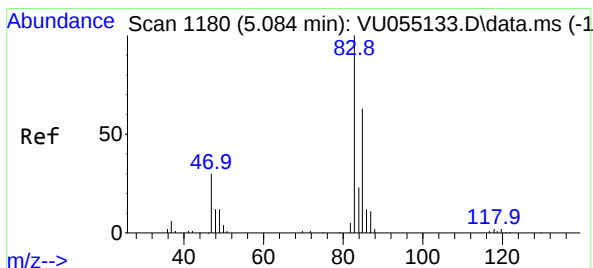
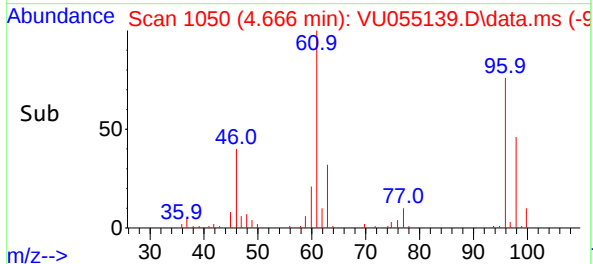
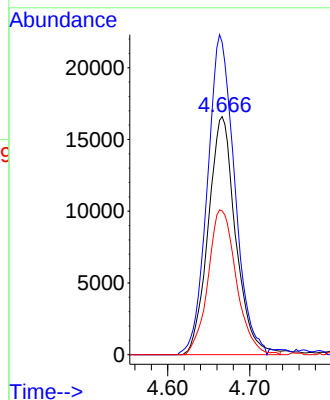
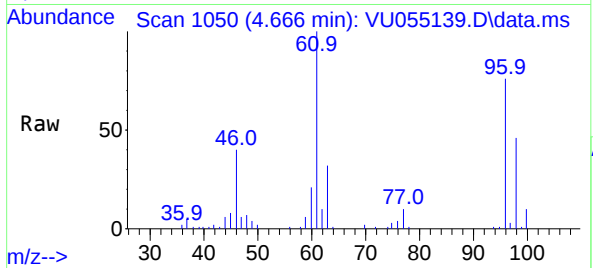




#22
cis-1,2-Dichloroethene
Concen: 3.870 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

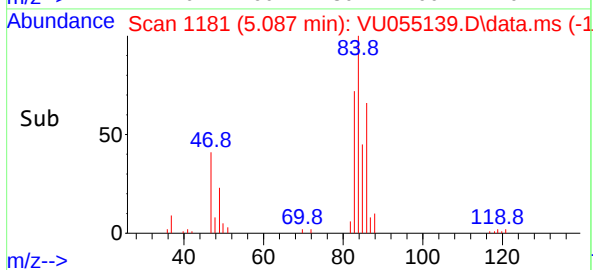
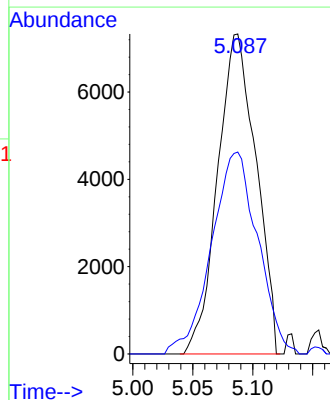
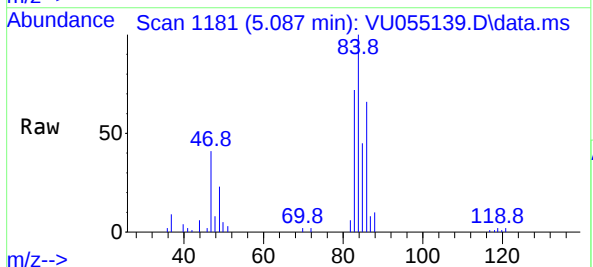
Instrument :
MSVOA_U
ClientSampleId :
BH4D0

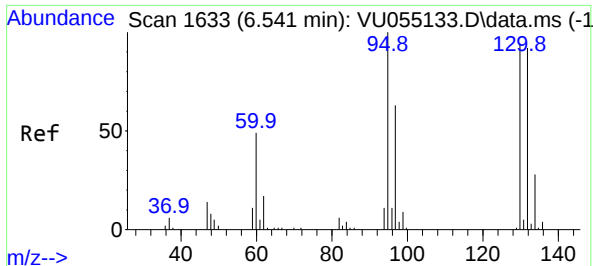
Tgt Ion: 96 Resp: 38524
Ion Ratio Lower Upper
96 100
61 131.2 97.2 180.4
98 60.4 46.1 85.7



#25
Chloroform
Concen: 0.892 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Tgt Ion: 83 Resp: 16331
Ion Ratio Lower Upper
83 100
85 63.1 47.2 87.6



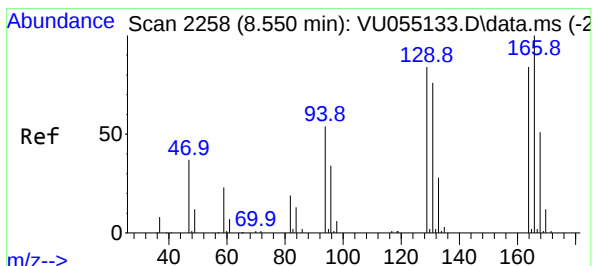
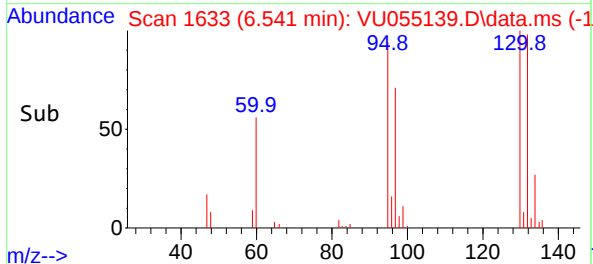
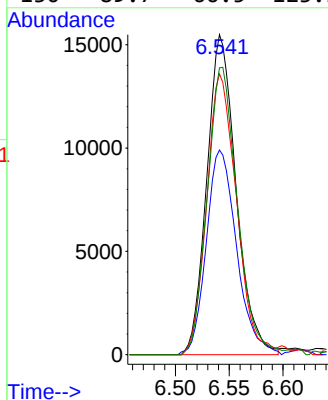
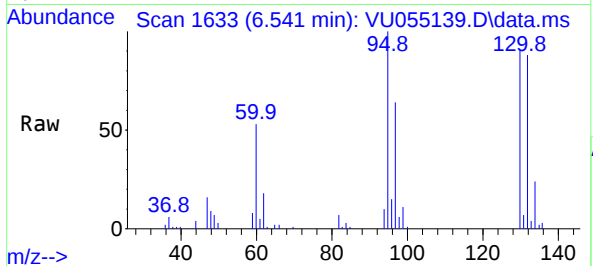


#34
Trichloroethene
Concen: 2.740 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
BH4D0

Tgt Ion: 95 Resp: 29267

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.7	83.1
132	87.7	66.6	123.6
130	89.7	66.5	123.5



#47
Tetrachloroethene
Concen: 0.442 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VU055139.D
Acq: 06 Sep 2023 14:44

Tgt Ion: 164 Resp: 3260

Ion	Ratio	Lower	Upper
164	100		
129	112.6	69.2	128.6
131	100.4	68.8	127.8
166	130.2	92.3	171.5

