

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050993.D
 Acq On : 29 Sep 2022 20:50
 Operator : JC/MD
 Sample : N4869-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

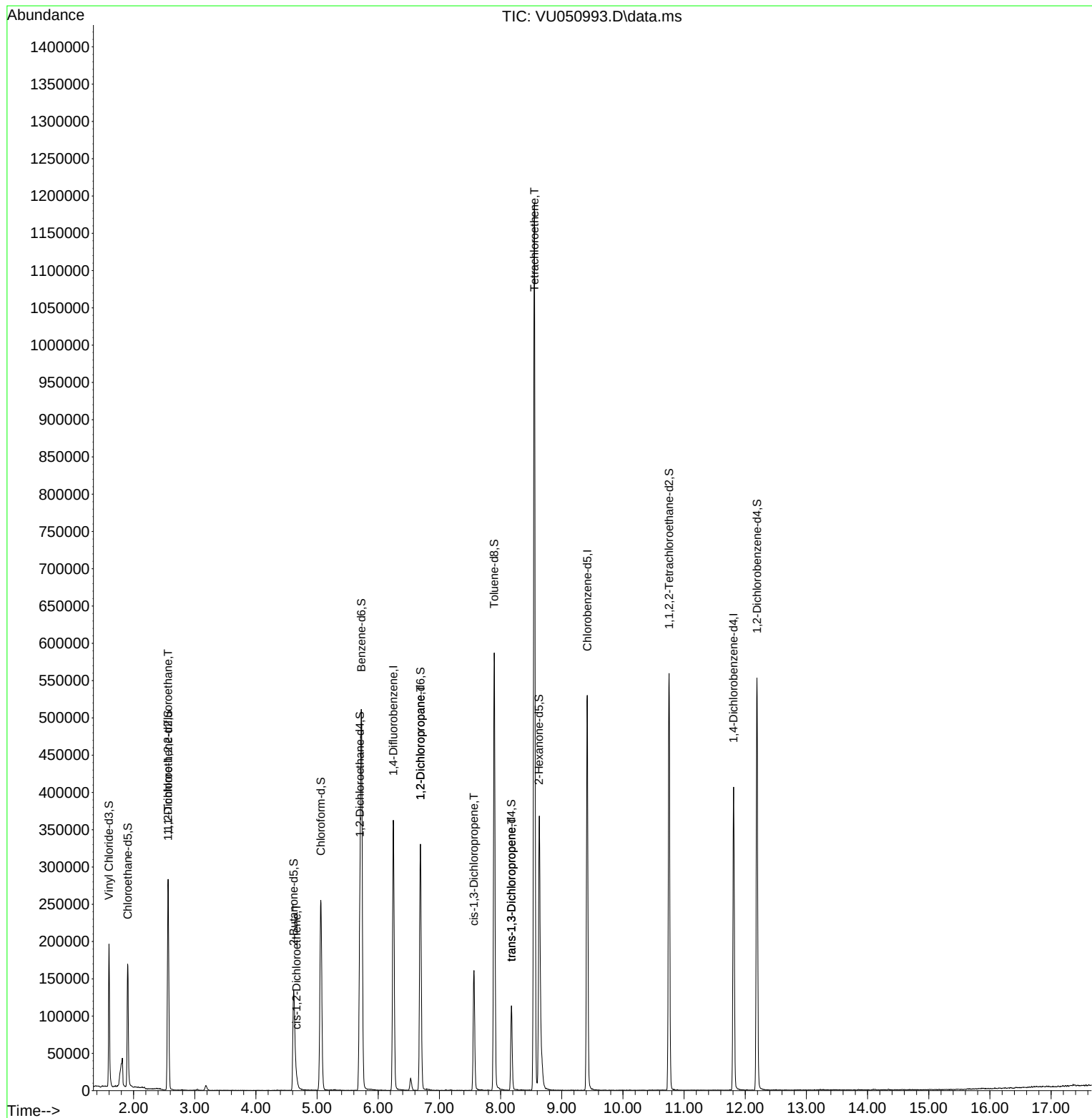
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	290460	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	293035	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	140408	47.698	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.400%		
7) Chloroethane-d5	1.903	69	125462	45.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.760%		
11) 1,1-Dichloroethene-d2	2.565	63	160209	36.844	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.680%		
21) 2-Butanone-d5	4.616	46	189711	99.366	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.370%		
24) Chloroform-d	5.060	84	235445	49.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.280%		
26) 1,2-Dichloroethane-d4	5.700	65	152412	51.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.840%		
32) Benzene-d6	5.726	84	475182	55.375	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.760%		
36) 1,2-Dichloropropane-d6	6.690	67	156140	56.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	112.140%		
41) Toluene-d8	7.896	98	388391	48.988	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.980%		
43) trans-1,3-Dichloroprop...	8.176	79	63876	48.095	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.180%		
47) 2-Hexanone-d5	8.629	63	108426	96.435	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.440%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	279638	57.462	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	114.920%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144643	61.225	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	122.440%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1160	0.523	ug/L #	20
20) cis-1,2-Dichloroethene	4.665	96	4343	1.765	ug/L	94
37) 1,2-Dichloropropane	6.690	63	17493	7.271	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	4106	1.205	ug/L #	74
44) trans-1,3-Dichloropropene	8.179	75	2670	0.775	ug/L	85
46) Tetrachloroethene	8.552	164	258387	147.350	ug/L	99

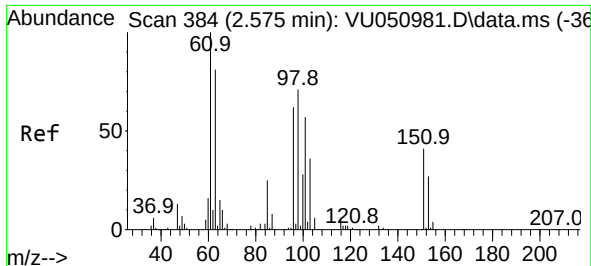
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

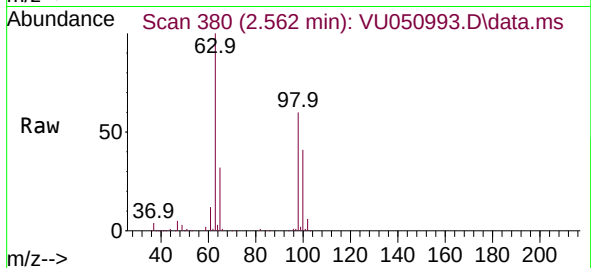
Quant Time: Sep 30 01:51:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
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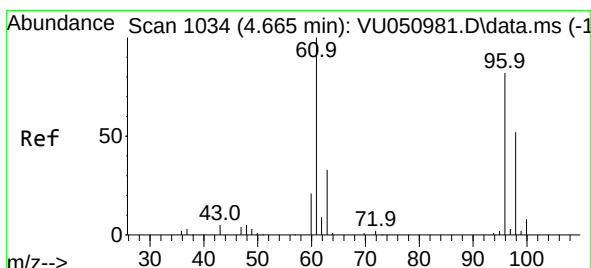
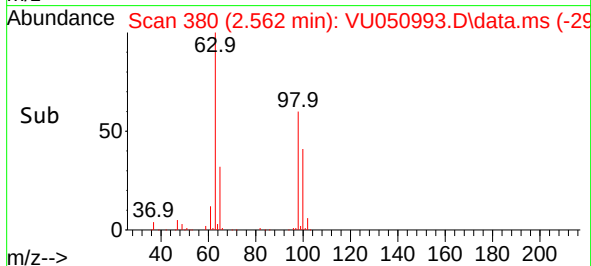
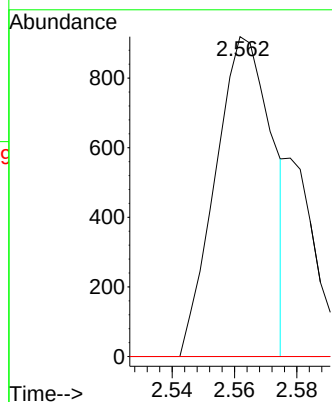


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.523 ug/L
 RT: 2.562 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU050993.D
 Acq: 29 Sep 2022 20:50

Instrument :
 MSVOA_U
 ClientSampleId :

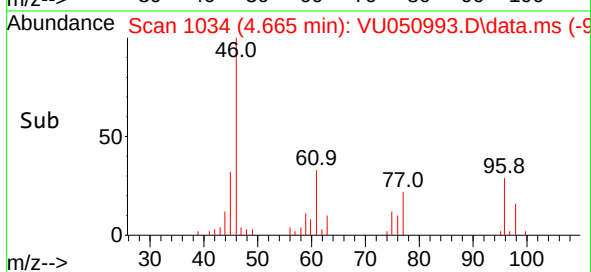
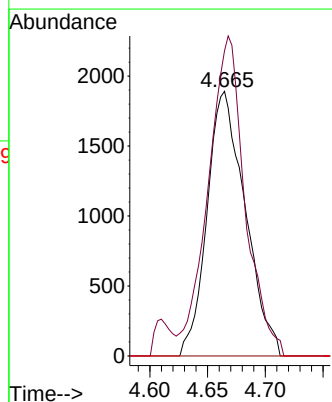
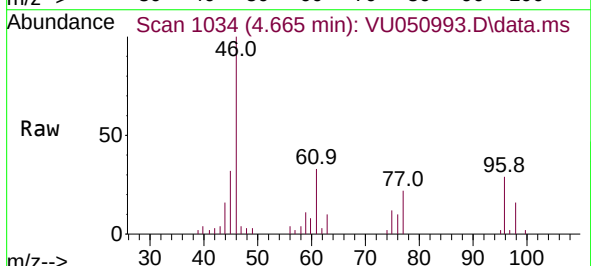


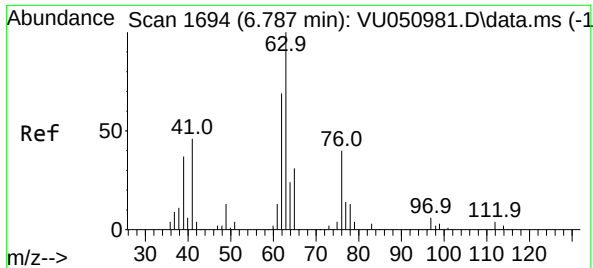
Tgt Ion:101 Resp: 1160
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#20
 cis-1,2-Dichloroethene
 Concen: 1.765 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU050993.D
 Acq: 29 Sep 2022 20:50

Tgt Ion: 96 Resp: 4343
 Ion Ratio Lower Upper
 96 100
 61 115.3 85.4 158.6
 68 0.0 0.0 0.0

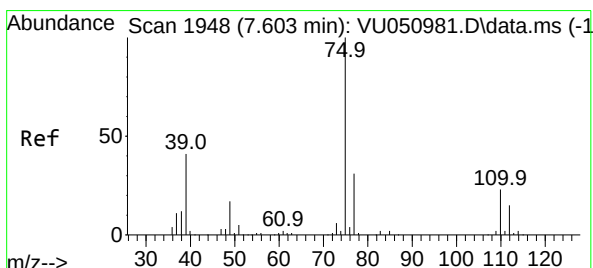
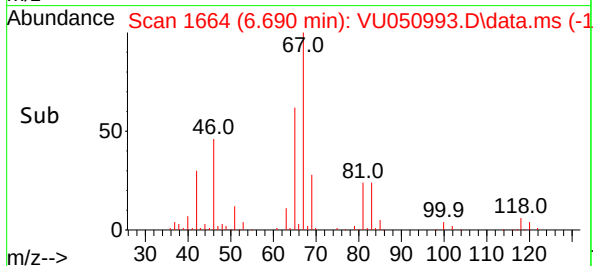
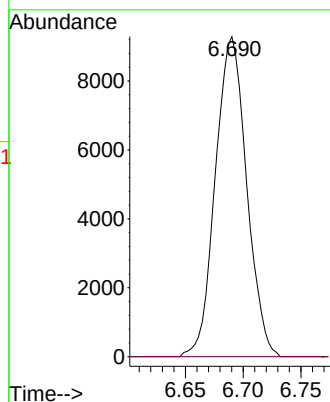
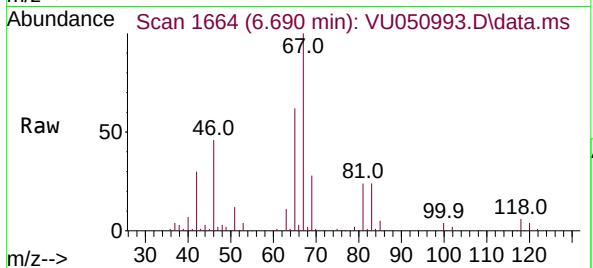




#37
1,2-Dichloropropane
Concen: 7.271 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU050993.D
Acq: 29 Sep 2022 20:50

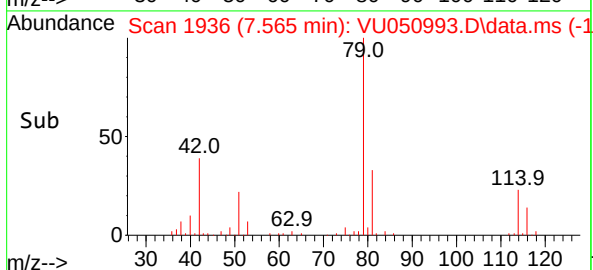
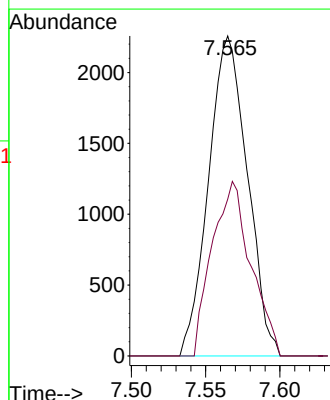
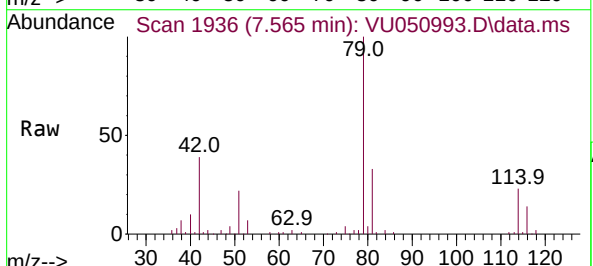
Instrument :
MSVOA_U
ClientSampleId :

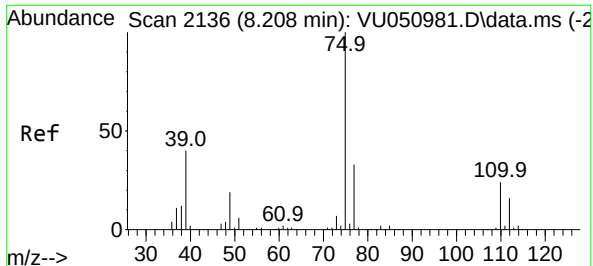
Tgt Ion: 63 Resp: 17493
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 1.205 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.039 min
Lab File: VU050993.D
Acq: 29 Sep 2022 20:50

Tgt Ion: 75 Resp: 4106
Ion Ratio Lower Upper
75 100
77 45.9 22.0 41.0#

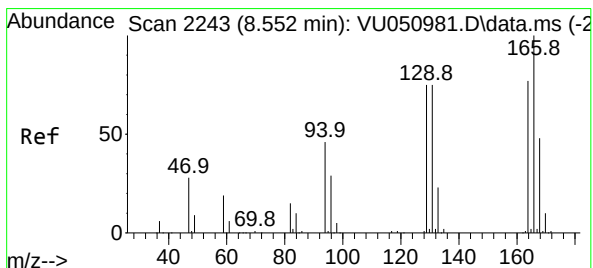
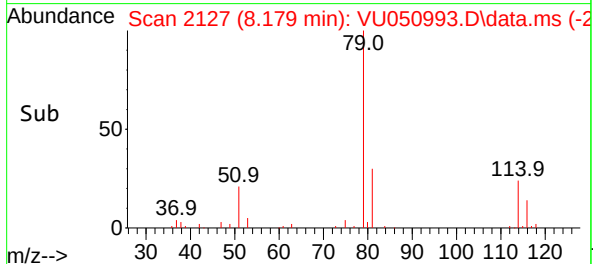
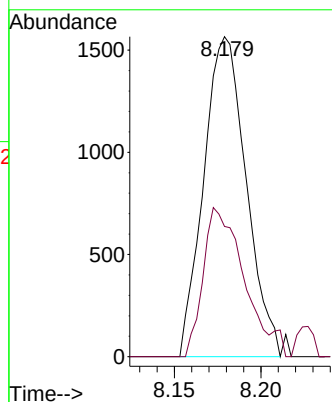
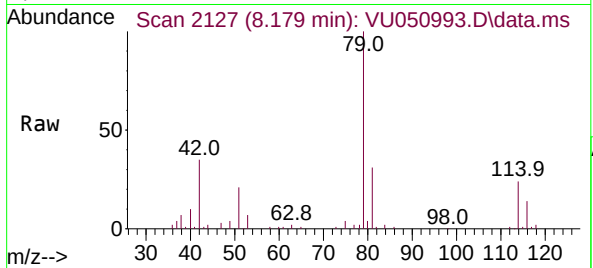




#44
trans-1,3-Dichloropropene
Concen: 0.775 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU050993.D
Acq: 29 Sep 2022 20:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2670
Ion Ratio Lower Upper
75 100
77 40.7 22.7 42.3



#46
Tetrachloroethene
Concen: 147.350 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050993.D
Acq: 29 Sep 2022 20:50

Tgt Ion:164 Resp: 258387
Ion Ratio Lower Upper
164 100
129 97.4 68.1 126.5
131 94.4 67.8 126.0
166 128.2 90.5 168.1

