

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052532.D
 Acq On : 23 Dec 2022 13:16
 Operator : JC/MD
 Sample : N6188-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL39

Quant Time: Dec 24 03:55:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

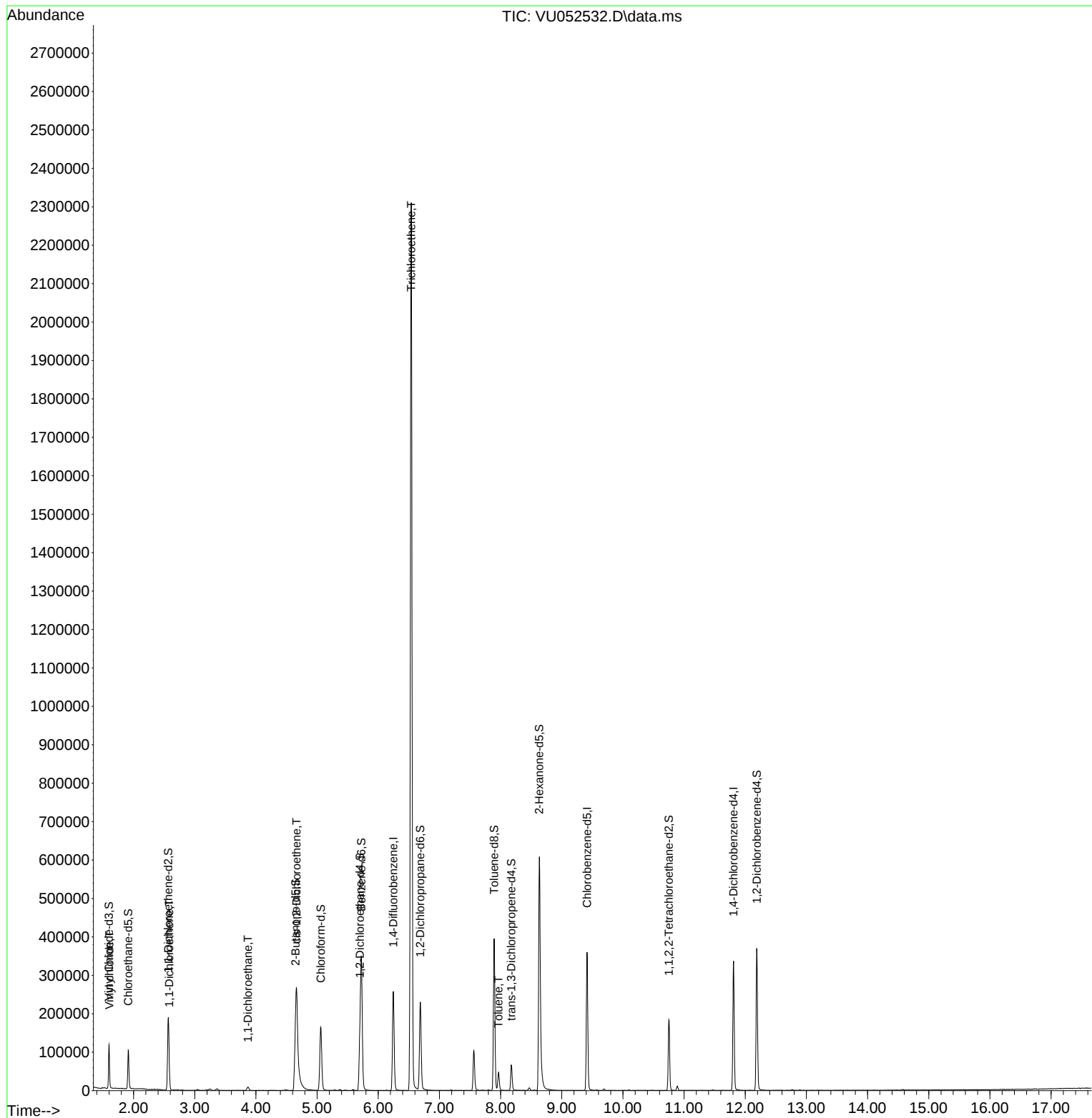
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	201667	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	192049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78979	3.866	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.400%	
7) Chloroethane-d5	1.912	69	76153	4.322	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.568	65	36006	4.095	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	4.649	46	323565	51.070	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.140%	
24) Chloroform-d	5.060	84	155223	4.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.700	65	92298	4.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.722	84	317312	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.687	67	114228	5.040	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.896	98	255392	4.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	8.176	79	36725	4.732	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.632	63	220345	51.892	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.780%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93546	4.861	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	92518	5.412	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
5) Vinyl chloride	1.604	62	3949	0.168	ug/L #	53
12) 1,1-Dichloroethene	2.581	96	8394	0.556	ug/L #	1
19) 1,1-Dichloroethane	3.870	63	11058	0.327	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	85336	4.995	ug/L	99
34) Trichloroethene	6.539	95	807394	49.927	ug/L	98
42) Toluene	7.967	91	32513	0.490	ug/L	98

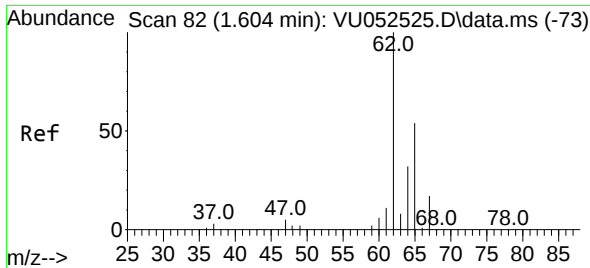
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0L39

Quant Time: Dec 24 03:55:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration

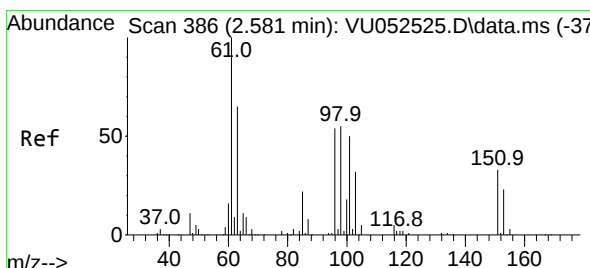
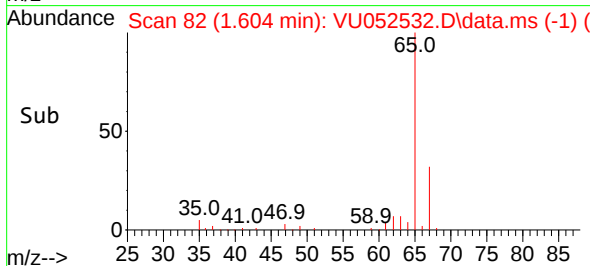
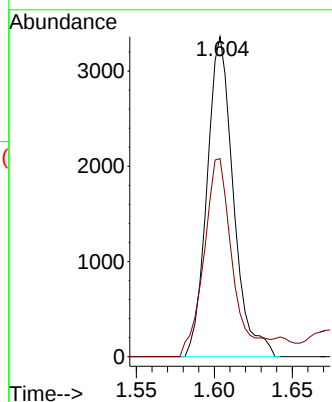
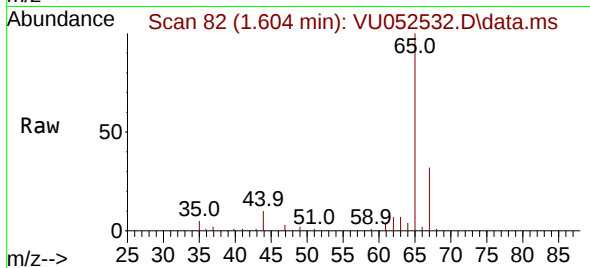




#5
 Vinyl chloride
 Concen: 0.168 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052532.D
 Acq: 23 Dec 2022 13:16

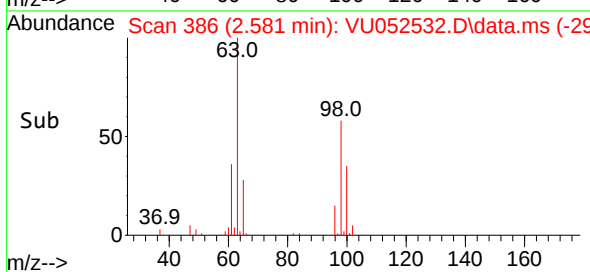
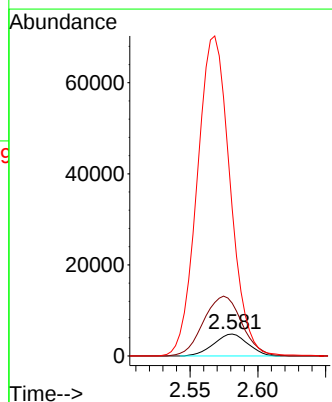
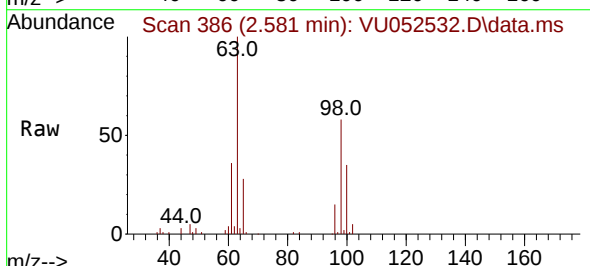
Instrument :
 MSVOA_U
 ClientSampleId :
 COL39

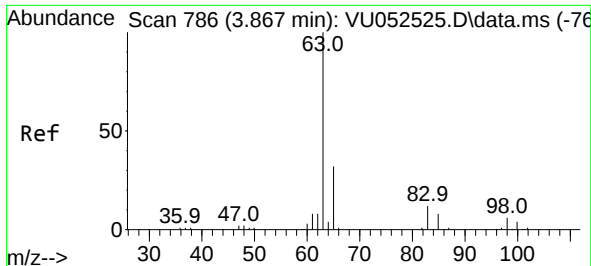
Tgt Ion: 62 Resp: 3949
 Ion Ratio Lower Upper
 62 100
 64 61.9 24.4 45.4#



#12
 1,1-Dichloroethene
 Concen: 0.556 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052532.D
 Acq: 23 Dec 2022 13:16

Tgt Ion: 96 Resp: 8394
 Ion Ratio Lower Upper
 96 100
 61 240.5 135.4 251.4
 63 670.7 95.4 177.2#

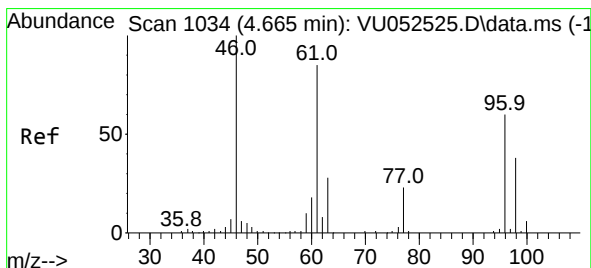
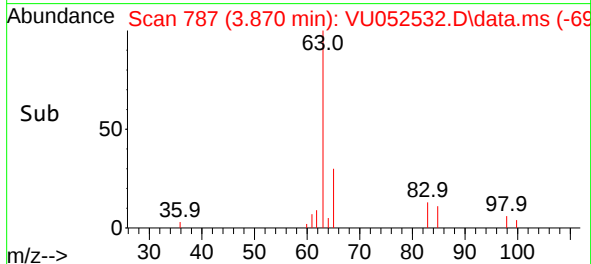
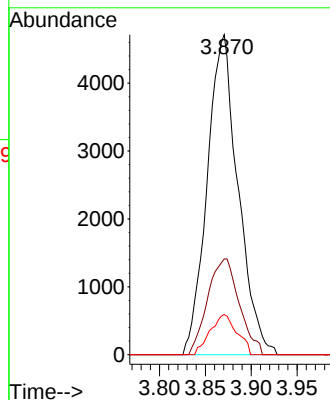
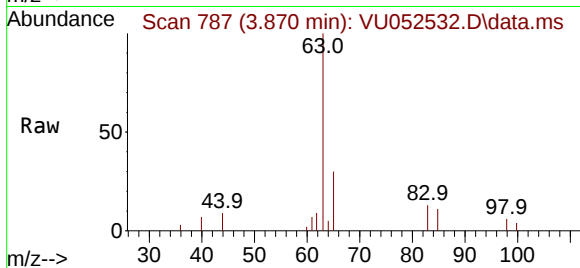




#19
1,1-Dichloroethane
Concen: 0.327 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

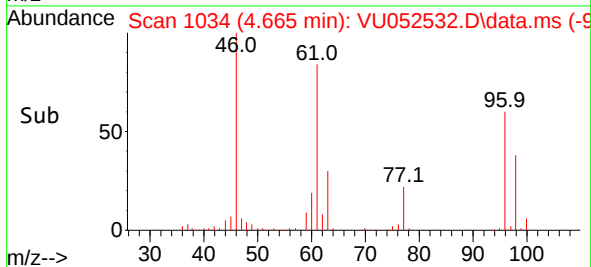
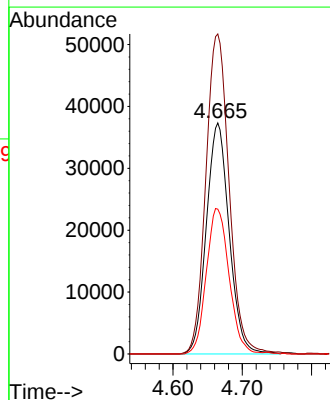
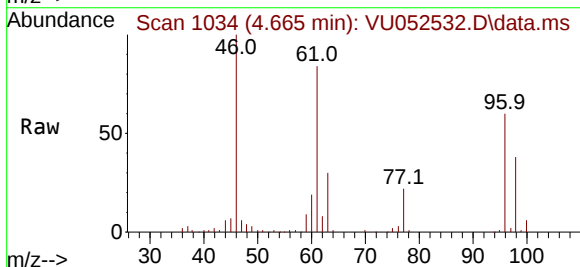
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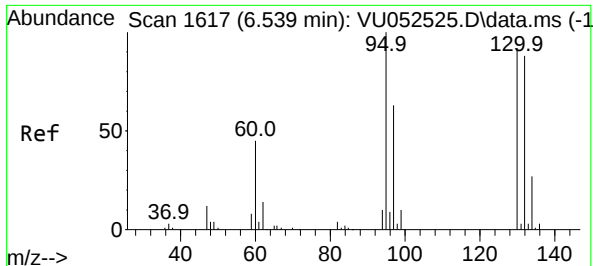
Tgt Ion: 63	Resp: 11058
Ion Ratio	Lower Upper
63 100	
65 29.9	22.0 40.8
83 12.6	9.0 16.8



#22
cis-1,2-Dichloroethene
Concen: 4.995 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

Tgt Ion: 96	Resp: 85336
Ion Ratio	Lower Upper
96 100	
61 138.5	96.9 180.1
98 62.7	44.7 83.1

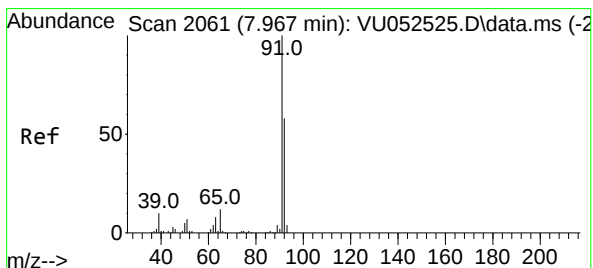
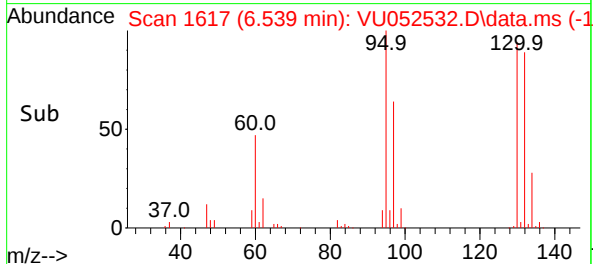
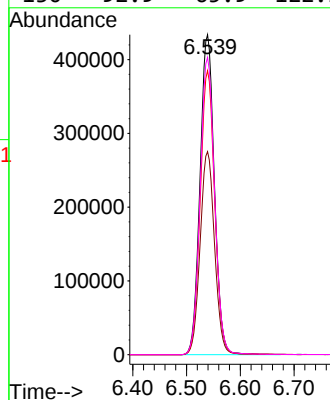
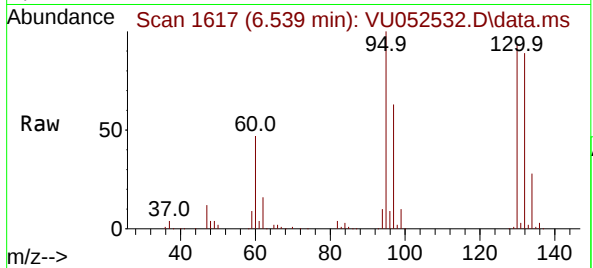




#34
Trichloroethene
Concen: 49.927 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

Instrument :
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ClientSampleId :
COL39

Tgt Ion: 95 Resp: 807394
Ion Ratio Lower Upper
95 100
97 63.5 46.3 86.1
132 88.7 63.9 118.7
130 92.9 65.9 122.5



#42
Toluene
Concen: 0.490 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

Tgt Ion: 91 Resp: 32513
Ion Ratio Lower Upper
91 100
92 59.7 40.6 75.4

