

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047912.D
 Acq On : 11 Apr 2022 17:37
 Operator : SY/MD
 Sample : N2316-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:04:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

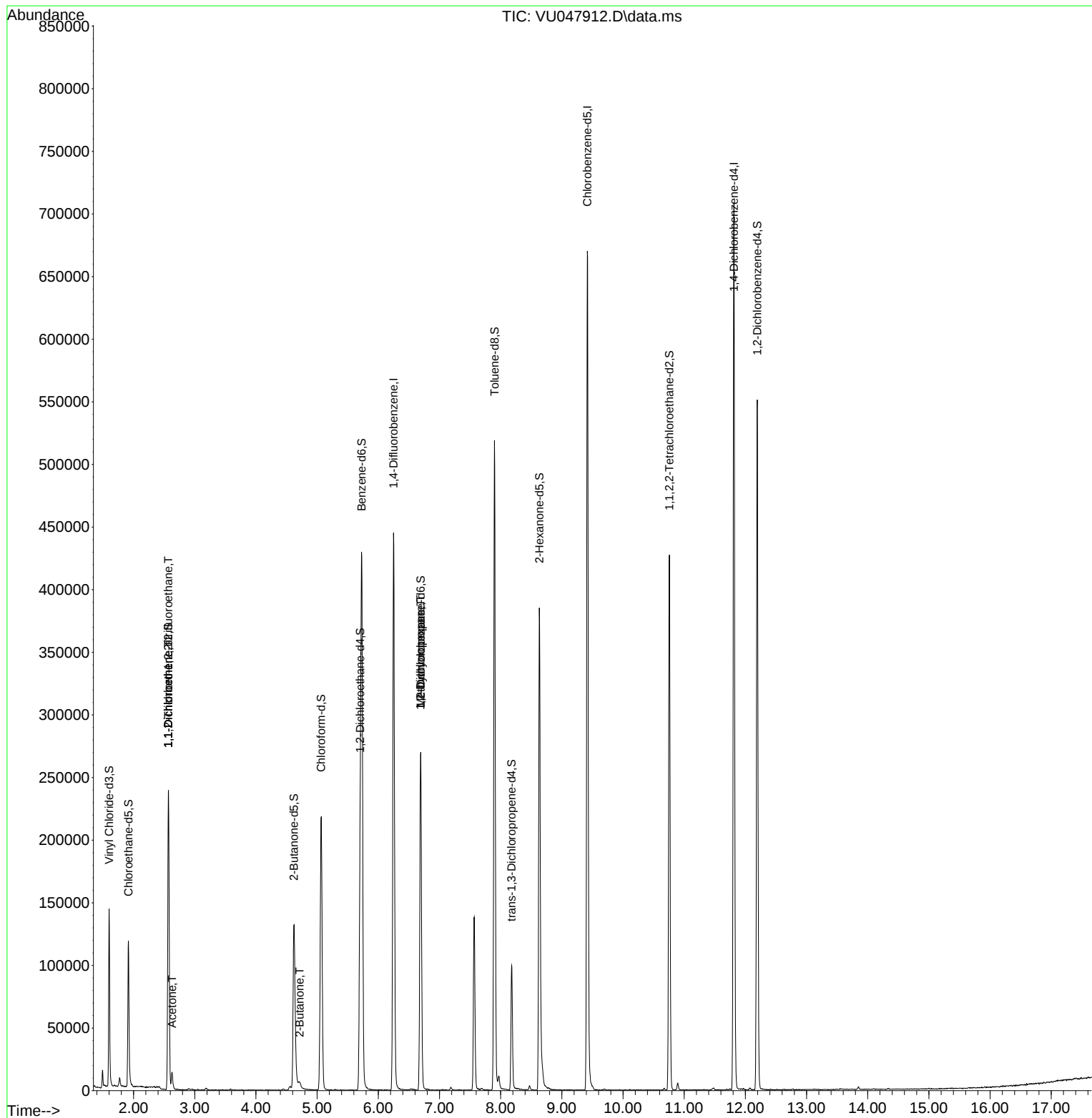
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	376930	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	396999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	201233	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	102445	37.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.960%
7) Chloroethane-d5	1.916	69	91082	42.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	2.568	63	137158	27.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.860%#
21) 2-Butanone-d5	4.620	46	190446	81.175	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.180%
24) Chloroform-d	5.066	84	204551	40.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.703	65	132624	43.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.480%
32) Benzene-d6	5.729	84	404103	40.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.900%
36) 1,2-Dichloropropane-d6	6.693	67	130873	42.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.320%
41) Toluene-d8	7.899	98	351503	36.115	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.240%#
43) trans-1,3-Dichloroprop...	8.179	79	56262	36.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.400%
47) 2-Hexanone-d5	8.632	63	131009	72.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.950%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209736	39.836	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	156719	43.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.540%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1328	0.478	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1091	0.422	ug/L #	1
13) Acetone	2.629	43	15355	7.033	ug/L	99
22) 2-Butanone	4.713	43	5784	2.057	ug/L	89
35) Methylcyclohexane	6.693	83	31011	6.766	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	13920	4.765	ug/L #	87

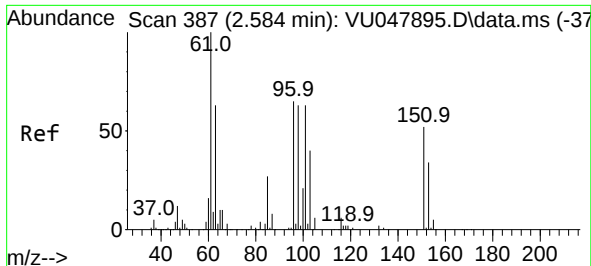
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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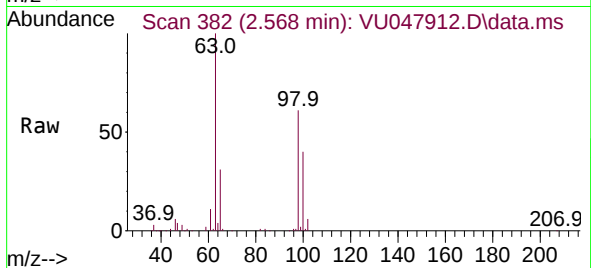
Quant Time: Apr 12 02:04:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
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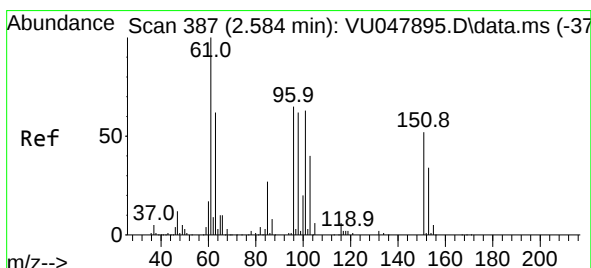
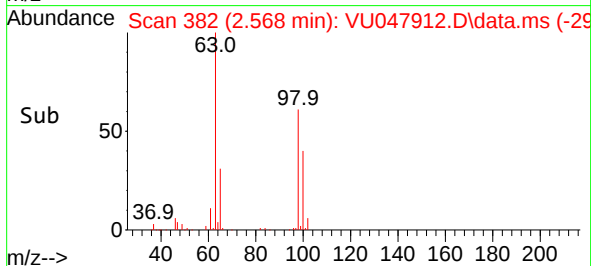
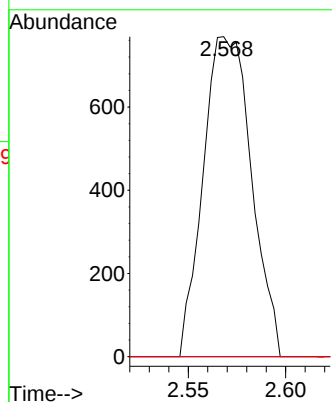


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.478 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047912.D
 Acq: 11 Apr 2022 17:37

Instrument :
 MSVOA_U
 ClientSampleId :

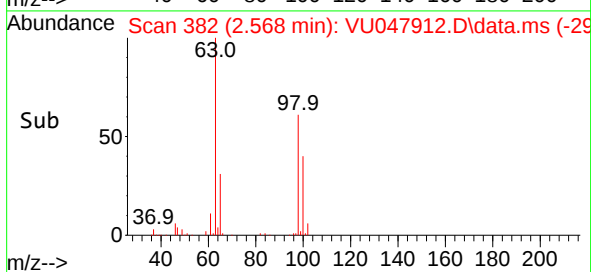
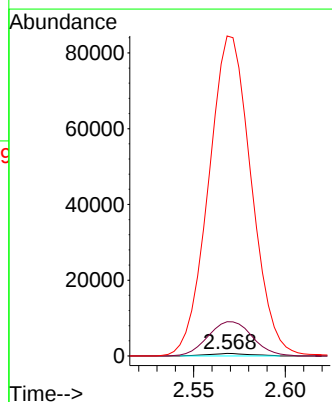
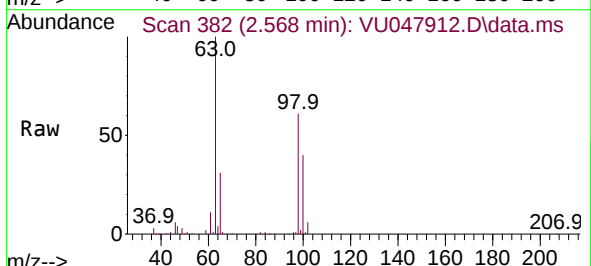


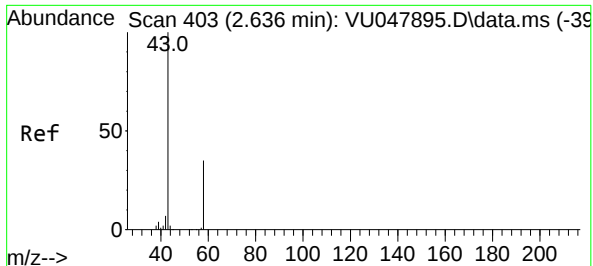
Tgt Ion: 101 Resp: 1328
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.422 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047912.D
 Acq: 11 Apr 2022 17:37

Tgt Ion: 96 Resp: 1091
 Ion Ratio Lower Upper
 96 100
 61 1358.1 113.1 210.1#
 63 12684.7 94.8 176.0#





#13

Acetone

Concen: 7.033 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.006 min

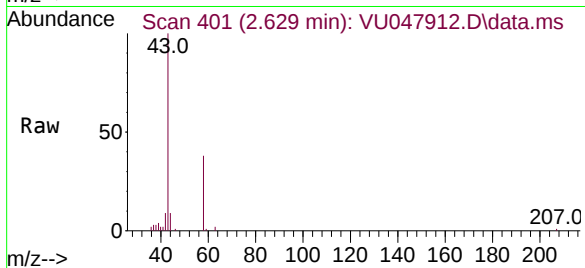
Lab File: VU047912.D

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Instrument :

MSVOA_U

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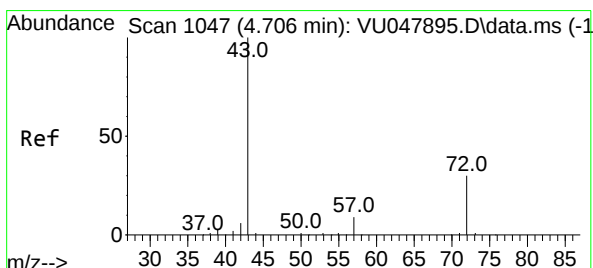
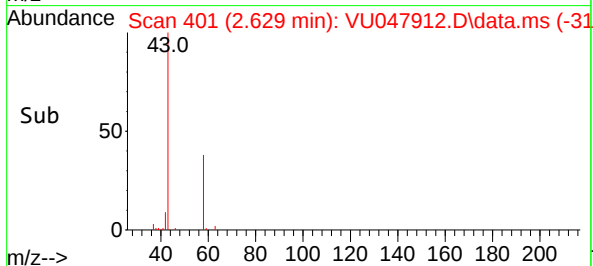
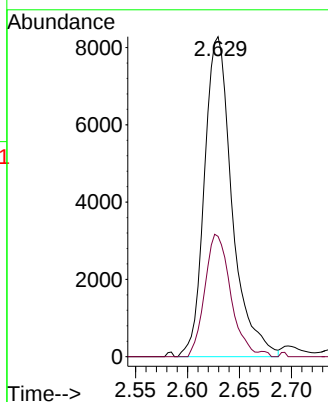


Tgt Ion: 43 Resp: 15355

Ion Ratio Lower Upper

43 100

58 35.5 0.0 70.0



#22

2-Butanone

Concen: 2.057 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU047912.D

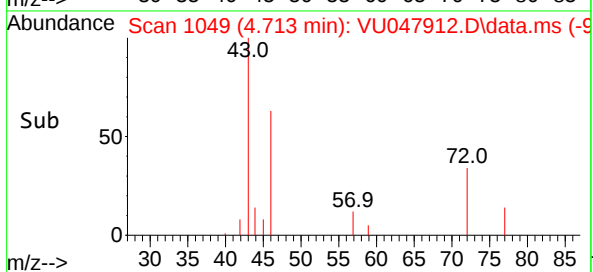
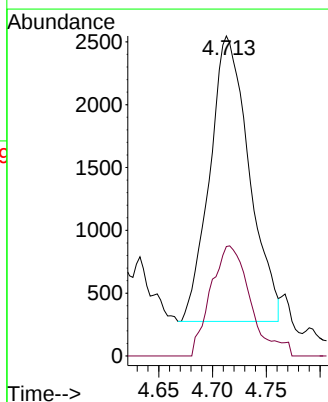
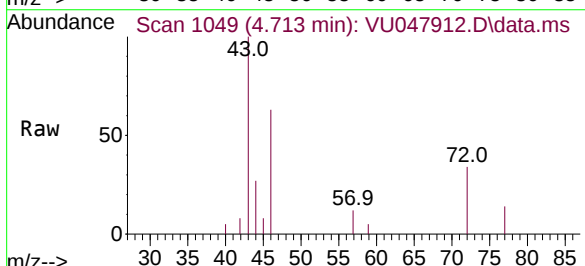
Acq: 11 Apr 2022 17:37

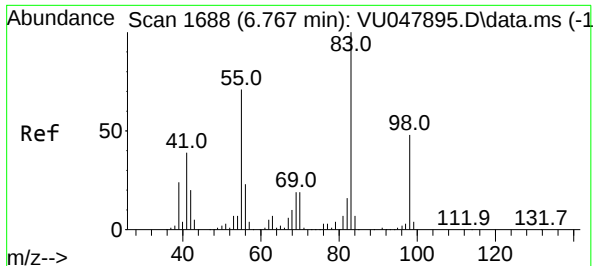
Tgt Ion: 43 Resp: 5784

Ion Ratio Lower Upper

43 100

72 38.2 16.0 47.9





#35

Methylcyclohexane

Concen: 6.766 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047912.D

Acq: 11 Apr 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

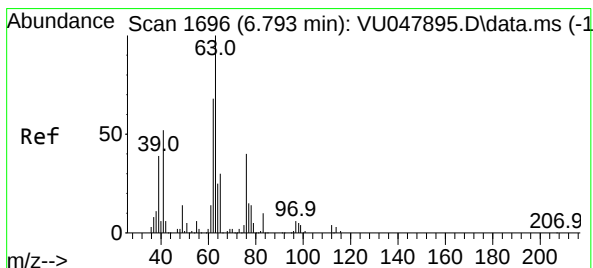
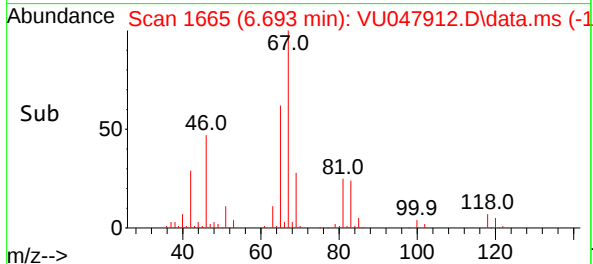
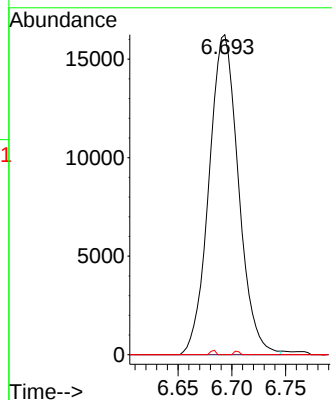
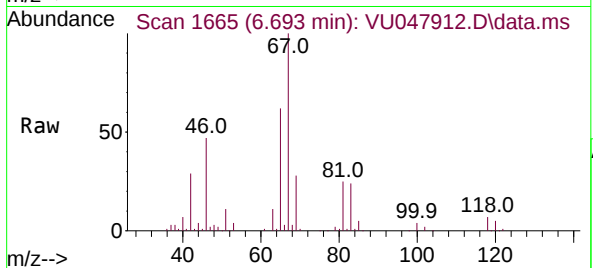
Tgt Ion: 83 Resp: 31011

Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 0.2 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 4.765 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU047912.D

Acq: 11 Apr 2022 17:37

Tgt Ion: 63 Resp: 13920

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

