

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053907.D
 Acq On : 26 Apr 2023 12:30
 Operator : JC/MD
 Sample : 02433-04DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE40DL

Quant Time: Apr 27 05:54:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

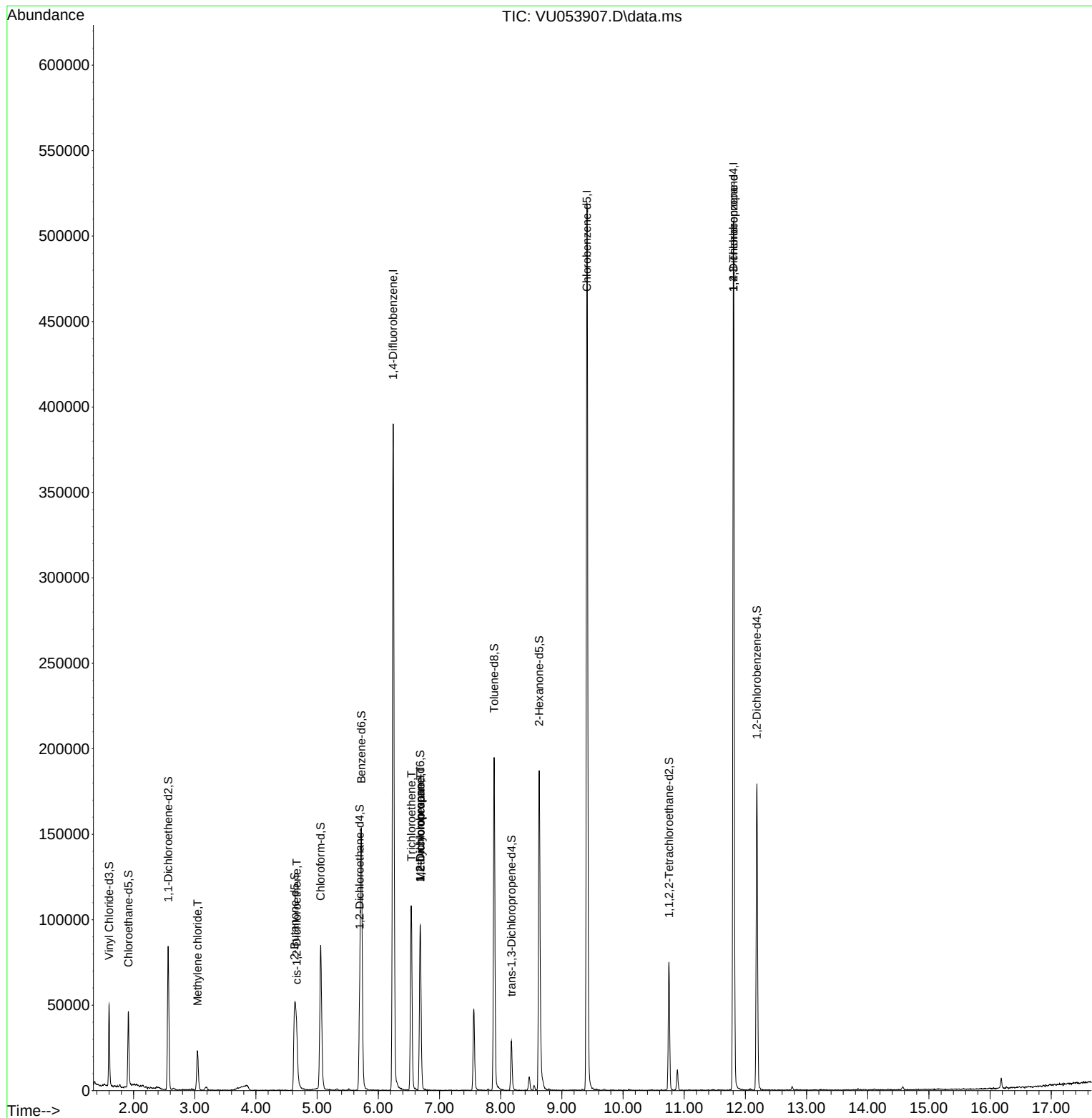
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	339543	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	308432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	139051	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35717	1.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	34.600%#
7) Chloroethane-d5	1.916	69	32389	1.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	37.400%#
11) 1,1-Dichloroethene-d2	2.565	65	15568	1.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	36.600%#
20) 2-Butanone-d5	4.633	46	82169	21.692	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.380%
24) Chloroform-d	5.057	84	77264	1.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	39.600%#
26) 1,2-Dichloroethane-d4	5.697	65	36912	2.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	41.000%#
32) Benzene-d6	5.723	84	155144	2.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	42.800%#
36) 1,2-Dichloropropane-d6	6.684	67	49523	2.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	45.000%#
41) Toluene-d8	7.893	98	136583	2.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	40.200%#
43) trans-1,3-Dichloroprop...	8.176	79	17182	1.988	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	39.800%#
46) 2-Hexanone-d5	8.629	63	69460	22.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	45.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36646	2.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	41.200%#
66) 1,2-Dichlorobenzene-d4	12.189	152	49935	2.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	44.800%#
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	12050	0.413	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	13255	0.544	ug/L	88
34) Trichloroethene	6.539	95	38299	1.617	ug/L	98
35) Methylcyclohexane	6.687	83	11327	0.310	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4742	0.220	ug/L #	89
61) 1,2,3-Trichloropropane	11.806	75	15796	1.473	ug/L #	68

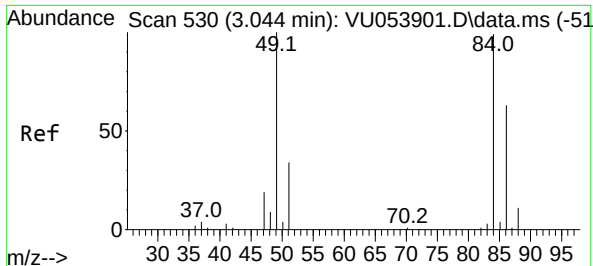
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 27 05:52:18 2023
Response via : Initial Calibration

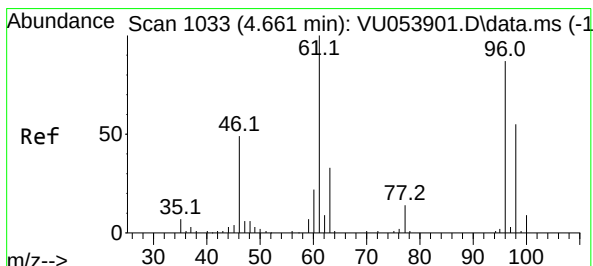
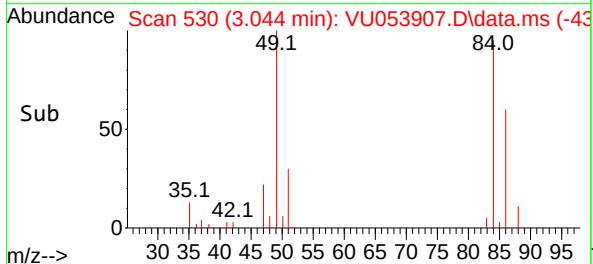
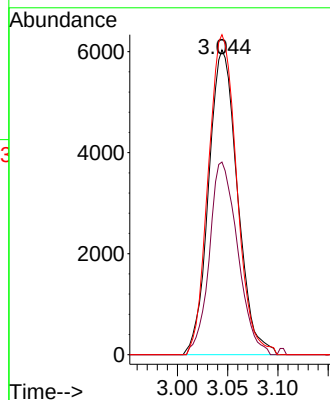
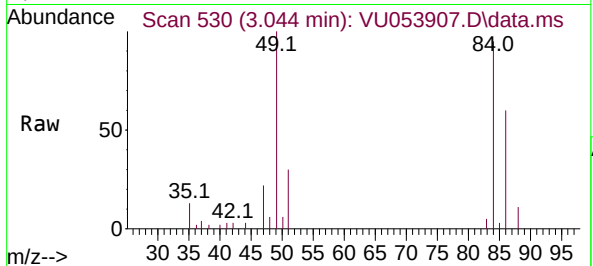




#16
Methylene chloride
Concen: 0.413 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053907.D
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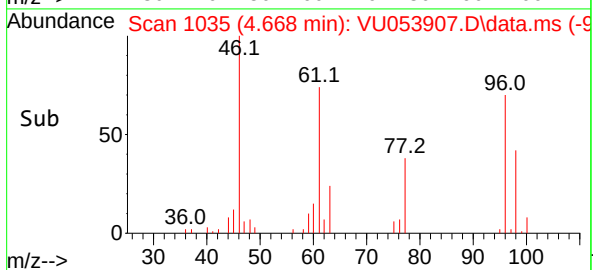
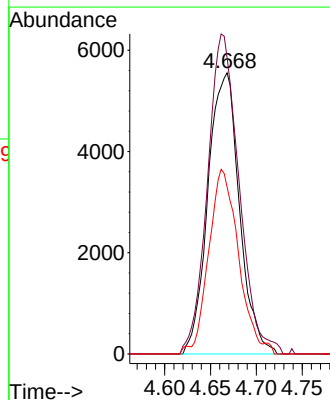
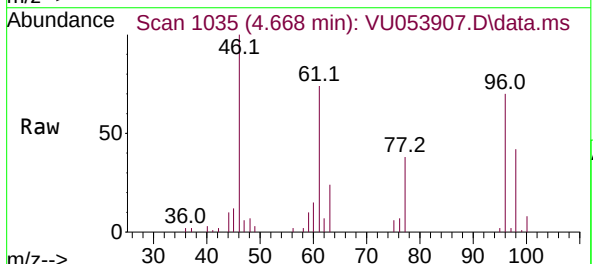
Instrument :
MSVOA_U
ClientSampleId :
BHE40DL

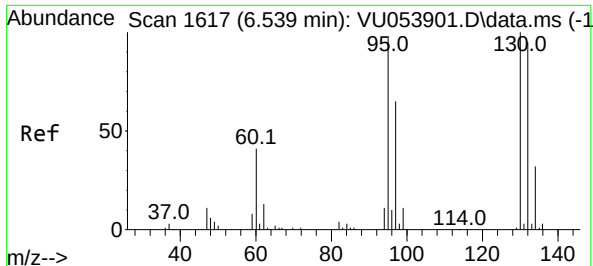
Tgt Ion: 84 Resp: 12050
Ion Ratio Lower Upper
84 100
86 63.2 45.0 83.6
49 105.0 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.544 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU053907.D
Acq: 26 Apr 2023 12:30

Tgt Ion: 96 Resp: 13255
Ion Ratio Lower Upper
96 100
61 105.4 84.3 156.5
98 59.4 46.4 86.2



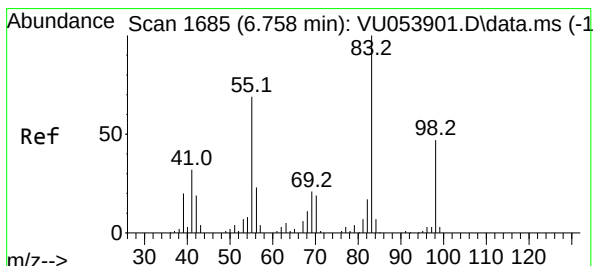
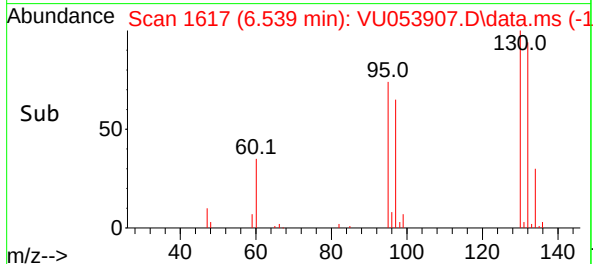
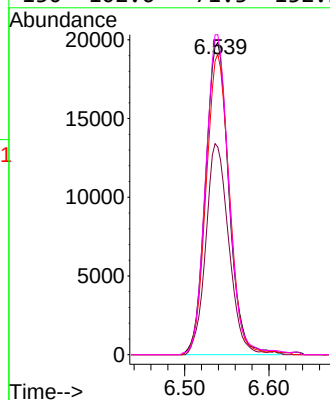
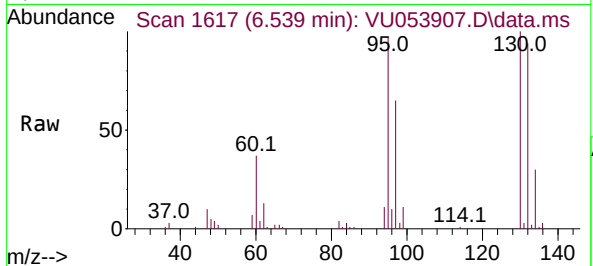


#34
Trichloroethene
Concen: 1.617 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053907.D
Acq: 26 Apr 2023 12:30

Instrument :
MSVOA_U
ClientSampleId :
BHE40DL

Tgt Ion: 95 Resp: 38299

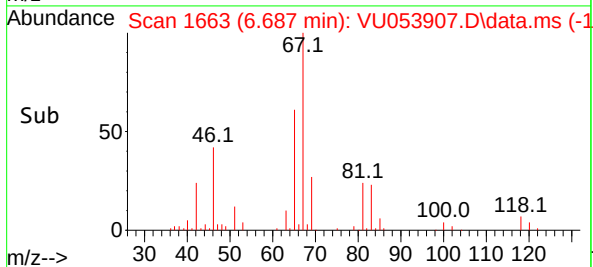
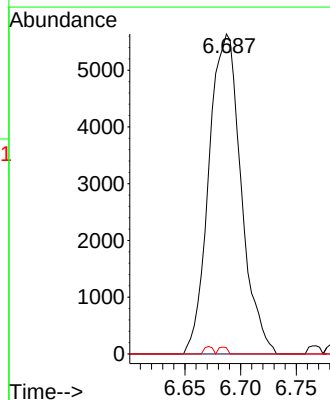
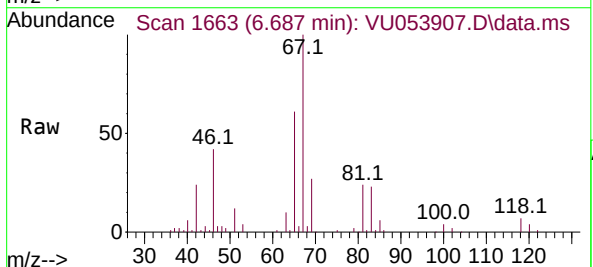
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.1	83.9
132	96.4	69.9	129.9
130	102.6	71.3	132.3

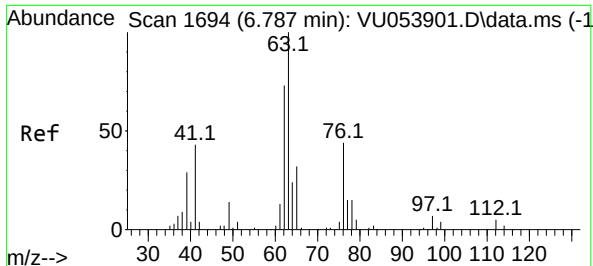


#35
Methylcyclohexane
Concen: 0.310 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053907.D
Acq: 26 Apr 2023 12:30

Tgt Ion: 83 Resp: 11327

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.6	37.3	55.9#





#37

1,2-Dichloropropane

Concen: 0.220 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU053907.D

Acq: 26 Apr 2023 12:30

Instrument :

MSVOA_U

ClientSampleId :

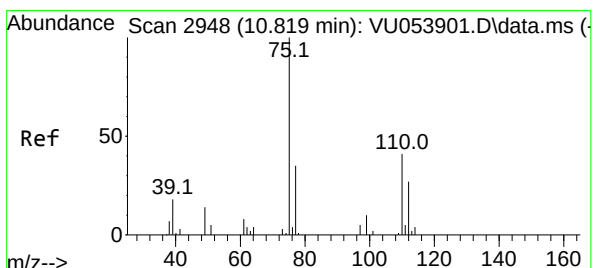
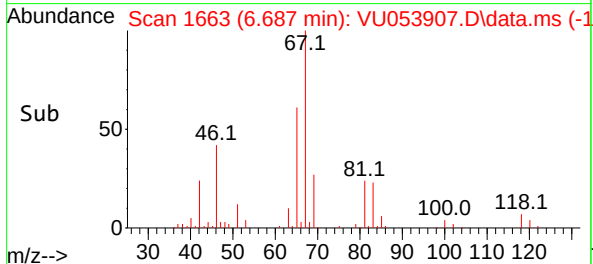
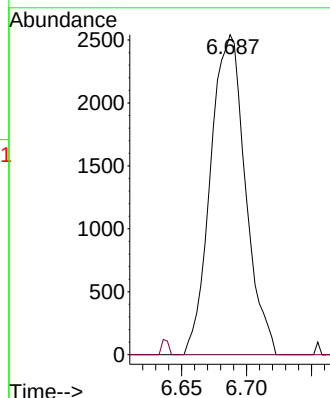
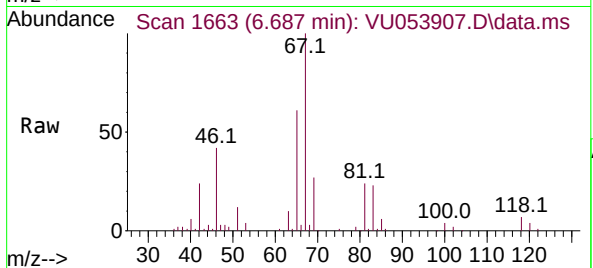
BHE40DL

Tgt Ion: 63 Resp: 4742

Ion Ratio Lower Upper

63 100

112 0.9 3.5 5.3#



#61

1,2,3-Trichloropropane

Concen: 1.473 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053907.D

Acq: 26 Apr 2023 12:30

Tgt Ion: 75 Resp: 15796

Ion Ratio Lower Upper

75 100

110 2.8 30.7 46.1#

77 33.2 26.2 39.4

