

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054245.D
 Acq On : 22 May 2023 15:33
 Operator : JC/MD
 Sample : 02874-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NY4DL

Quant Time: May 23 04:00:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 23 02:58:02 2023
 Response via : Initial Calibration

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

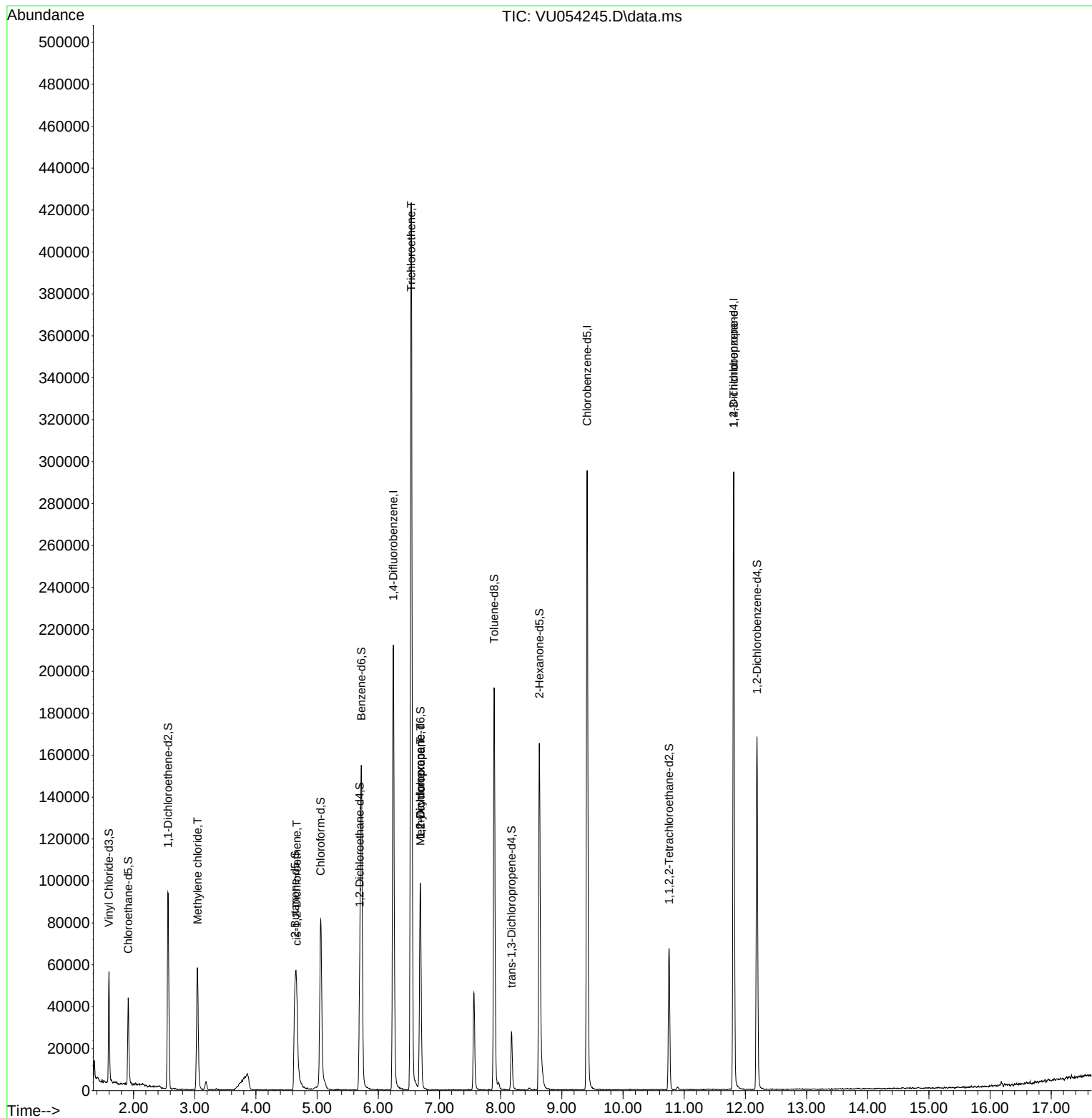
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177613	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	171917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40044	4.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.912	69	32089	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.562	65	18335	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.639	46	87076	50.991	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.980%
24) Chloroform-d	5.057	84	77505	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.697	65	37815	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.723	84	151856	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	48734	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.893	98	131364	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.179	79	17502	4.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.632	63	57739	47.446	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33909	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	48546	4.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	30202	2.122	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	16486	1.275	ug/L	91
34) Trichloroethene	6.536	95	148377	11.338	ug/L	95
35) Methylcyclohexane	6.690	83	11726	0.613	ug/L #	18
37) 1,2-Dichloropropane	6.687	63	4959	0.388	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9316	1.390	ug/L #	65

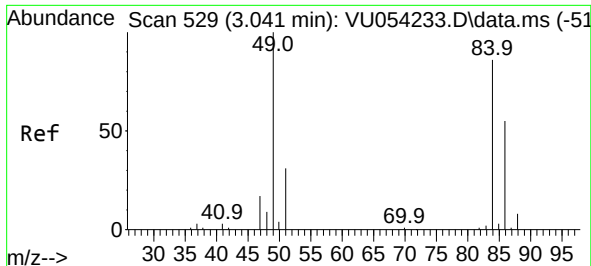
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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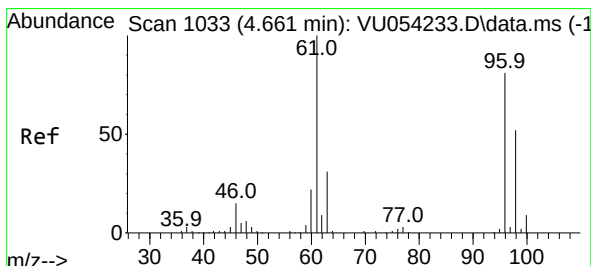
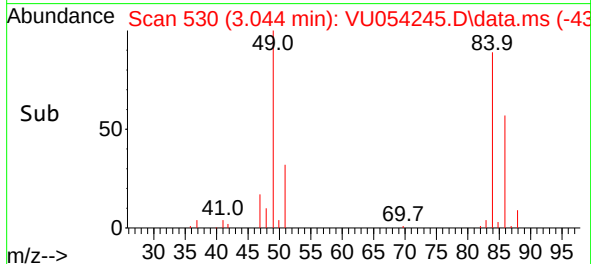
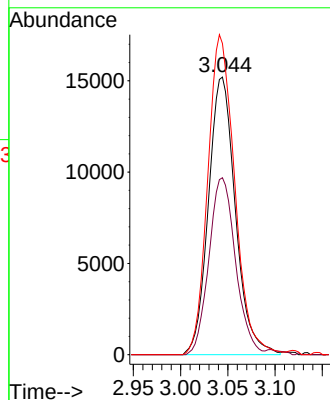
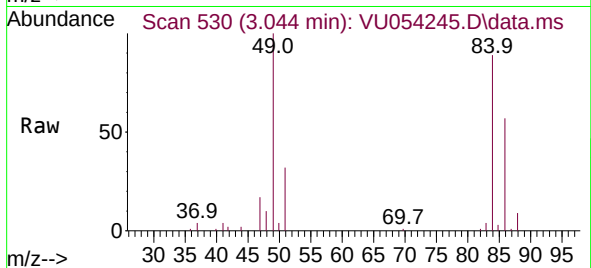




#16
Methylene chloride
Concen: 2.122 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054245.D
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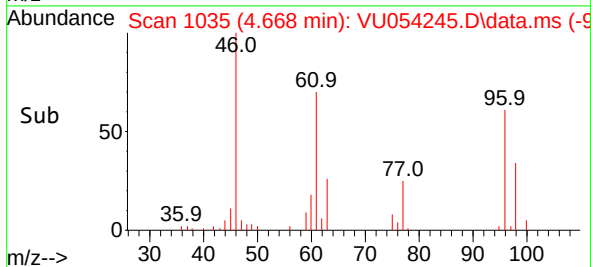
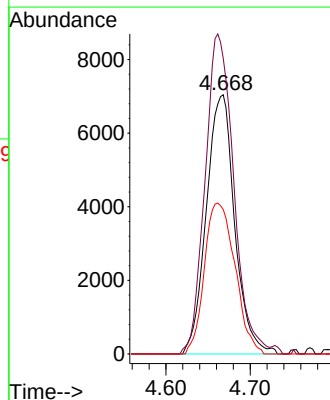
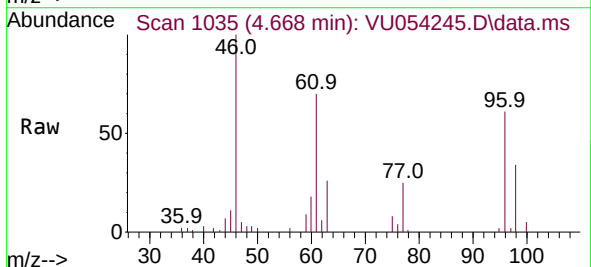
Instrument :
MSVOA_U
ClientSampleId :
C0NY4DL

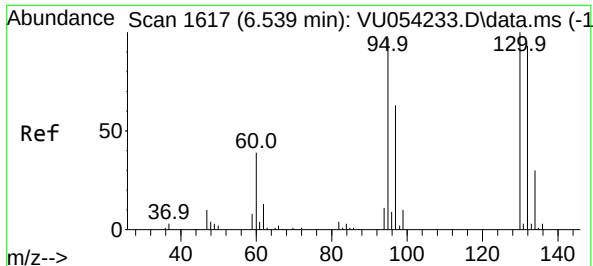
Tgt Ion: 84 Resp: 30202
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 112.1 81.3 150.9



#22
cis-1,2-Dichloroethene
Concen: 1.275 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU054245.D
Acq: 22 May 2023 15:33

Tgt Ion: 96 Resp: 16486
Ion Ratio Lower Upper
96 100
61 114.0 85.0 157.8
98 55.8 45.8 85.0





#34

Trichloroethene

Concen: 11.338 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054245.D

Acq: 22 May 2023 15:33

Instrument :

MSVOA_U

ClientSampleId :

C0NY4DL

Tgt Ion: 95 Resp: 148377

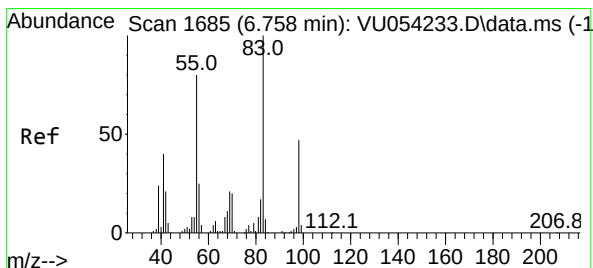
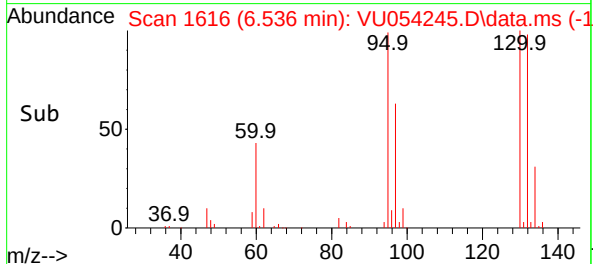
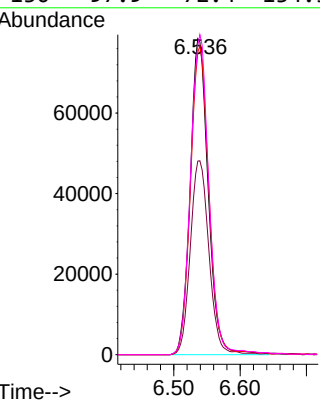
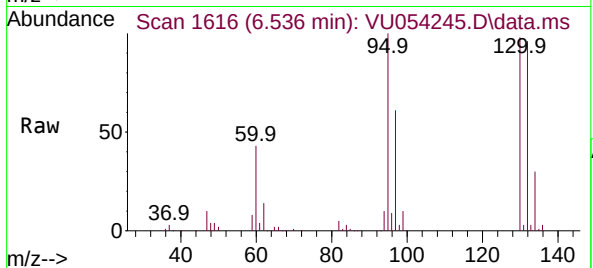
Ion Ratio Lower Upper

95 100

97 61.2 45.8 85.0

132 95.7 70.1 130.3

130 97.9 72.4 134.5



#35

Methylcyclohexane

Concen: 0.613 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.067 min

Lab File: VU054245.D

Acq: 22 May 2023 15:33

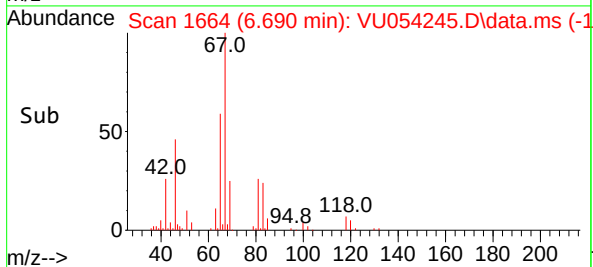
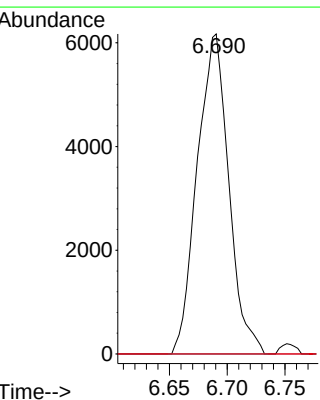
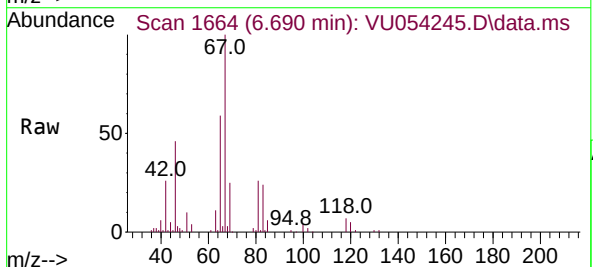
Tgt Ion: 83 Resp: 11726

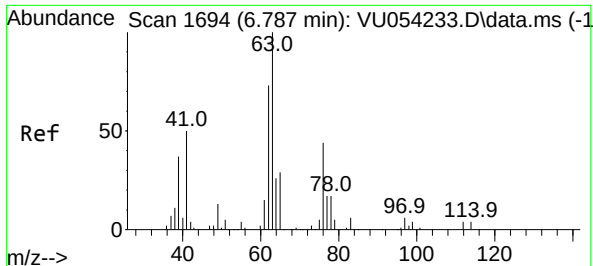
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 1.8 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 0.388 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054245.D

Acq: 22 May 2023 15:33

Instrument :

MSVOA_U

ClientSampleId :

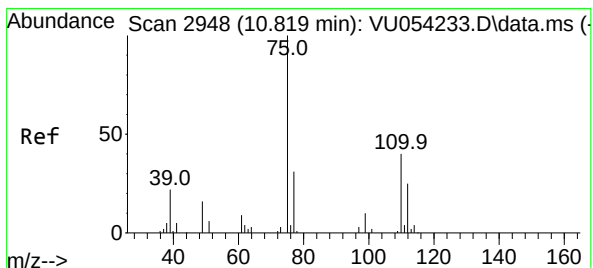
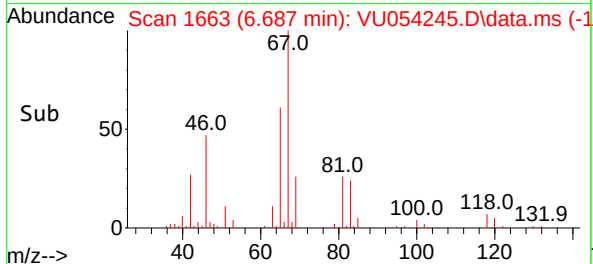
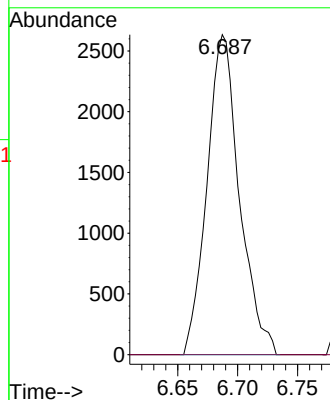
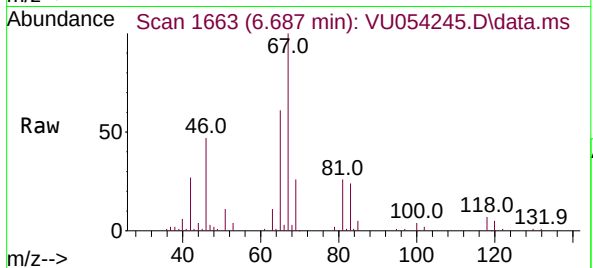
C0NY4DL

Tgt Ion: 63 Resp: 4959

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.390 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU054245.D

Acq: 22 May 2023 15:33

Tgt Ion: 75 Resp: 9316

Ion Ratio Lower Upper

75 100

110 2.2 32.3 48.5#

77 33.7 26.3 39.5

