

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046557.D
 Acq On : 22 Dec 2021 17:37
 Operator : SY/MD
 Sample : M5148-16DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 04:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

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

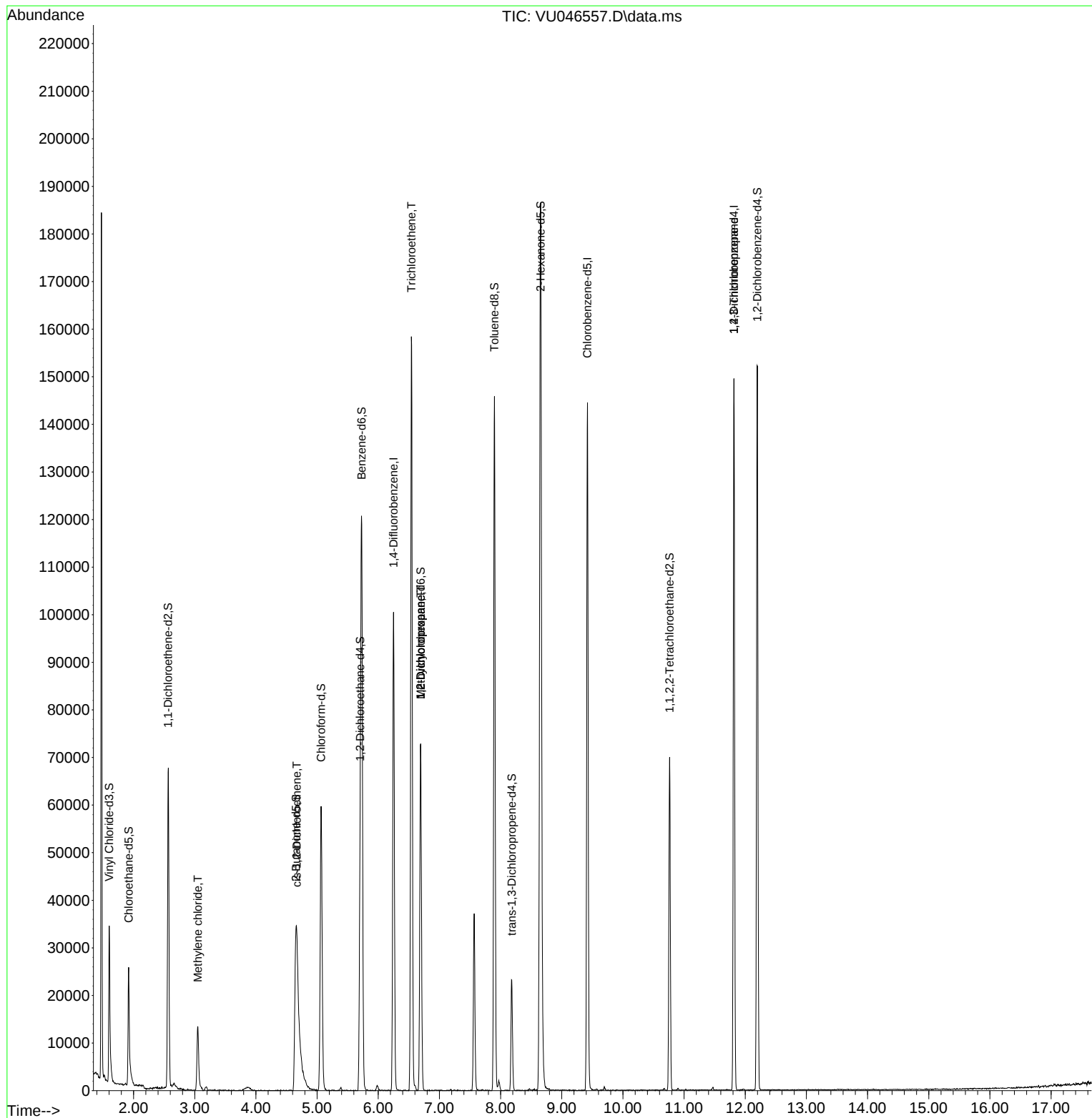
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80991	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	80621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	39199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29543	4.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.919	69	23967	4.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.565	65	12611	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.658	46	94881	51.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.540%
24) Chloroform-d	5.067	84	56308	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.703	65	33956	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.729	84	111884	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.694	67	34667	5.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.899	98	96413	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.182	79	14839	4.751	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.655	63	91517	49.906	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.820%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34863	5.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	39273	5.439	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
16) Methylene chloride	3.051	84	7817	0.902	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	2183	0.263	ug/L	87
34) Trichloroethene	6.542	95	53512	6.337	ug/L	96
35) Methylcyclohexane	6.694	83	8766	0.736	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3958	0.484	ug/L #	88
61) 1,2,3-Trichloropropane	11.815	75	4635	0.712	ug/L #	64

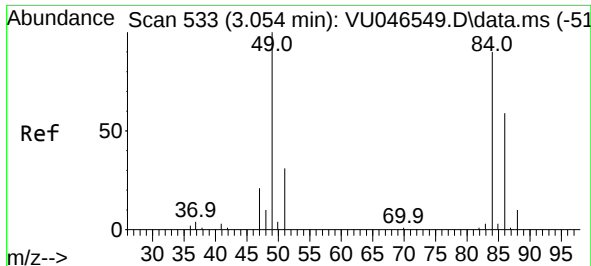
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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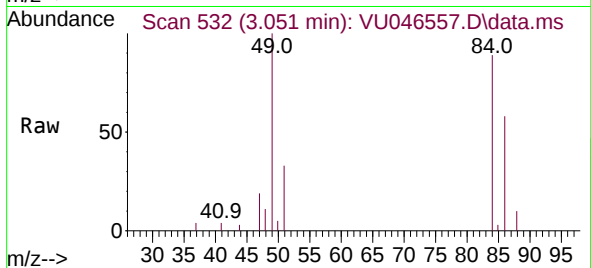
Quant Time: Dec 23 04:31:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
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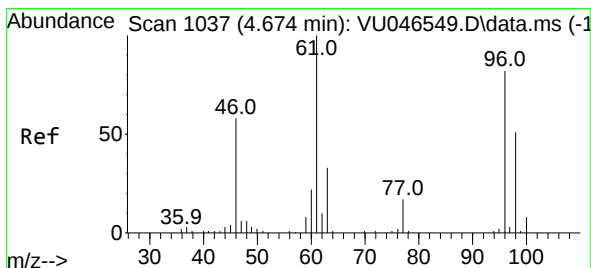
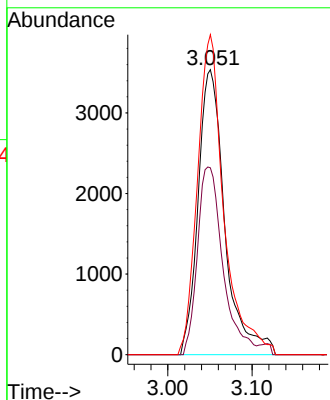
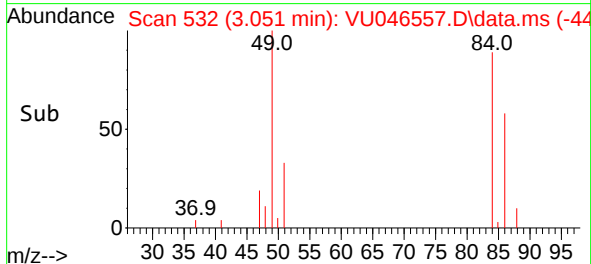


#16
Methylene chloride
Concen: 0.902 ug/L
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046557.D
Acq: 22 Dec 2021 17:37

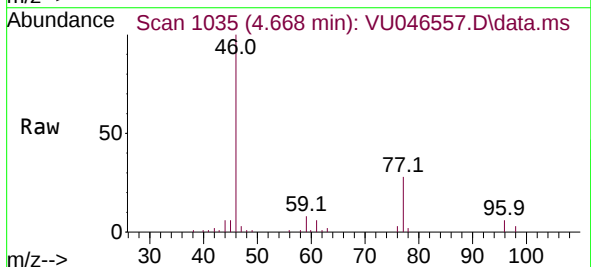
Instrument :
MSVOA_U
ClientSampleId :



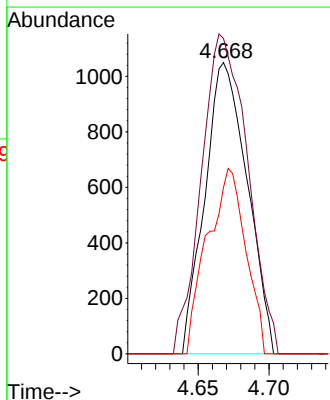
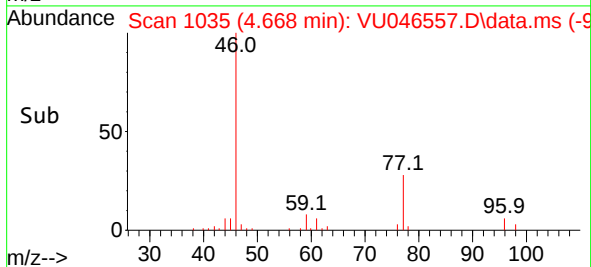
Tgt Ion: 84 Resp: 7817
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.0
49 112.3 84.5 156.9

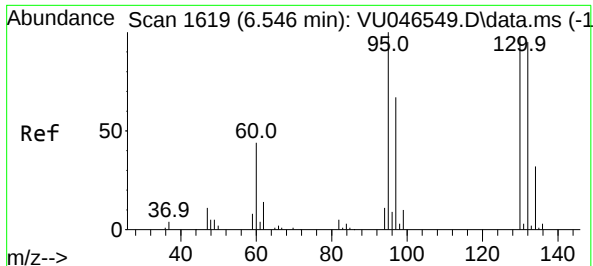


#22
cis-1,2-Dichloroethene
Concen: 0.263 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VU046557.D
Acq: 22 Dec 2021 17:37



Tgt Ion: 96 Resp: 2183
Ion Ratio Lower Upper
96 100
61 108.3 88.5 164.3
98 57.1 44.4 82.5

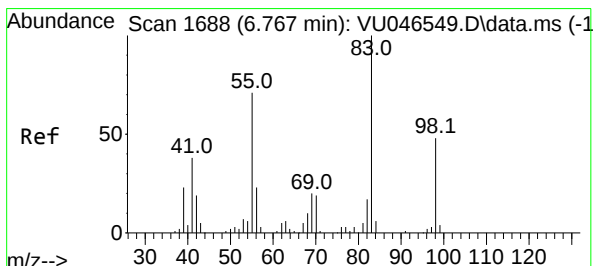
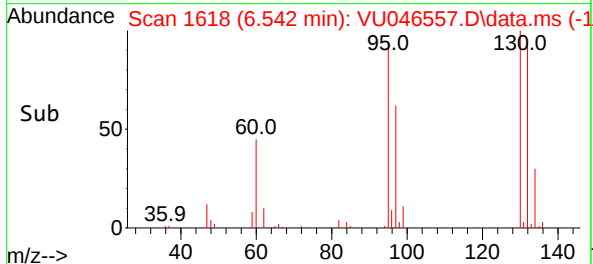
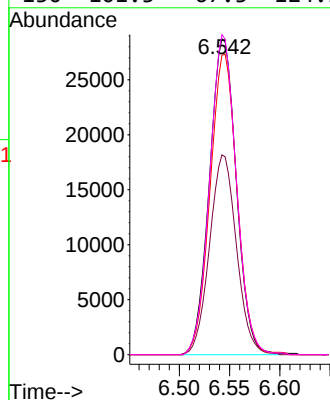
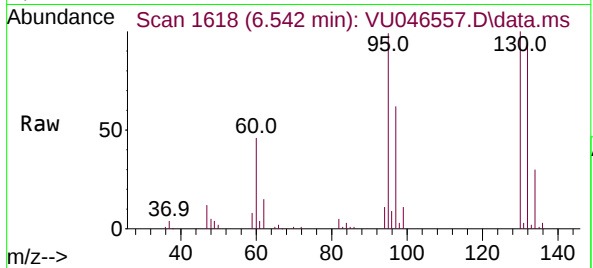




#34
Trichloroethene
Concen: 6.337 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046557.D
Acq: 22 Dec 2021 17:37

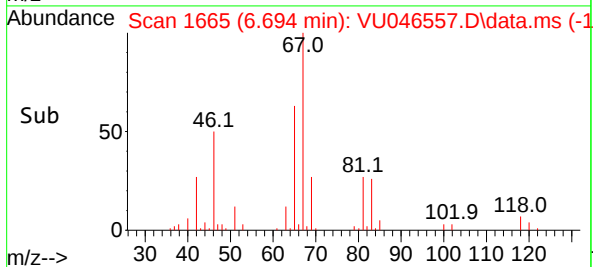
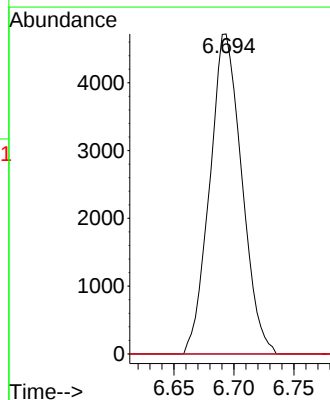
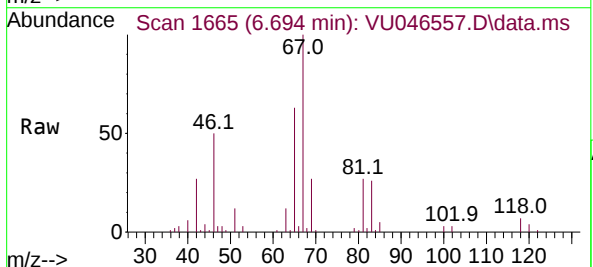
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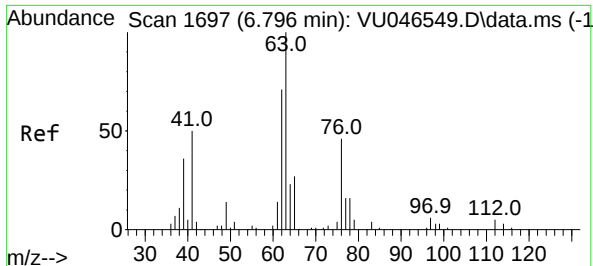
Tgt Ion: 95 Resp: 53512
Ion Ratio Lower Upper
95 100
97 63.3 46.5 86.5
132 94.8 65.1 120.9
130 101.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046557.D
Acq: 22 Dec 2021 17:37

Tgt Ion: 83 Resp: 8766
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046557.D

Acq: 22 Dec 2021 17:37

Instrument :

MSVOA_U

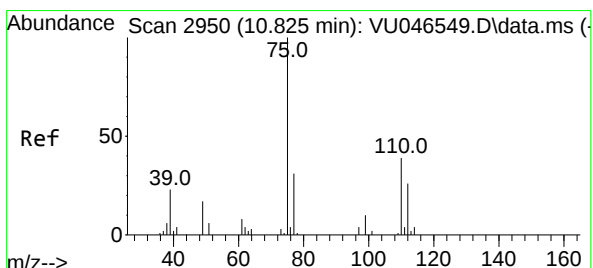
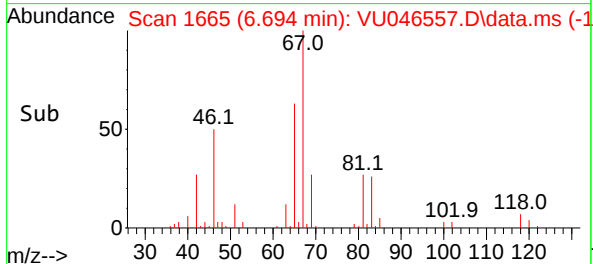
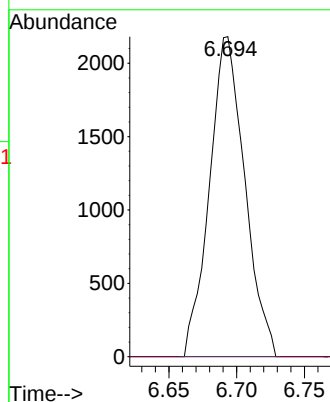
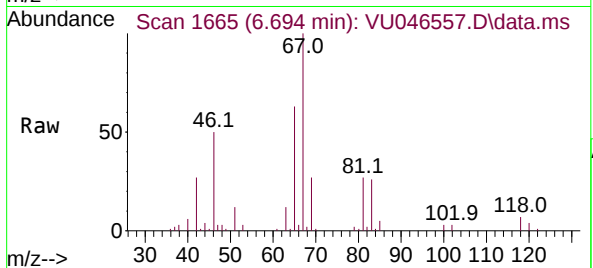
ClientSampleId :

Tgt Ion: 63 Resp: 3958

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 0.712 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU046557.D

Acq: 22 Dec 2021 17:37

Tgt Ion: 75 Resp: 4635

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 34.8 25.5 38.3

