

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058629.D
 Acq On : 11 Apr 2024 23:53
 Operator : MD/SY
 Sample : P2055-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:00:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

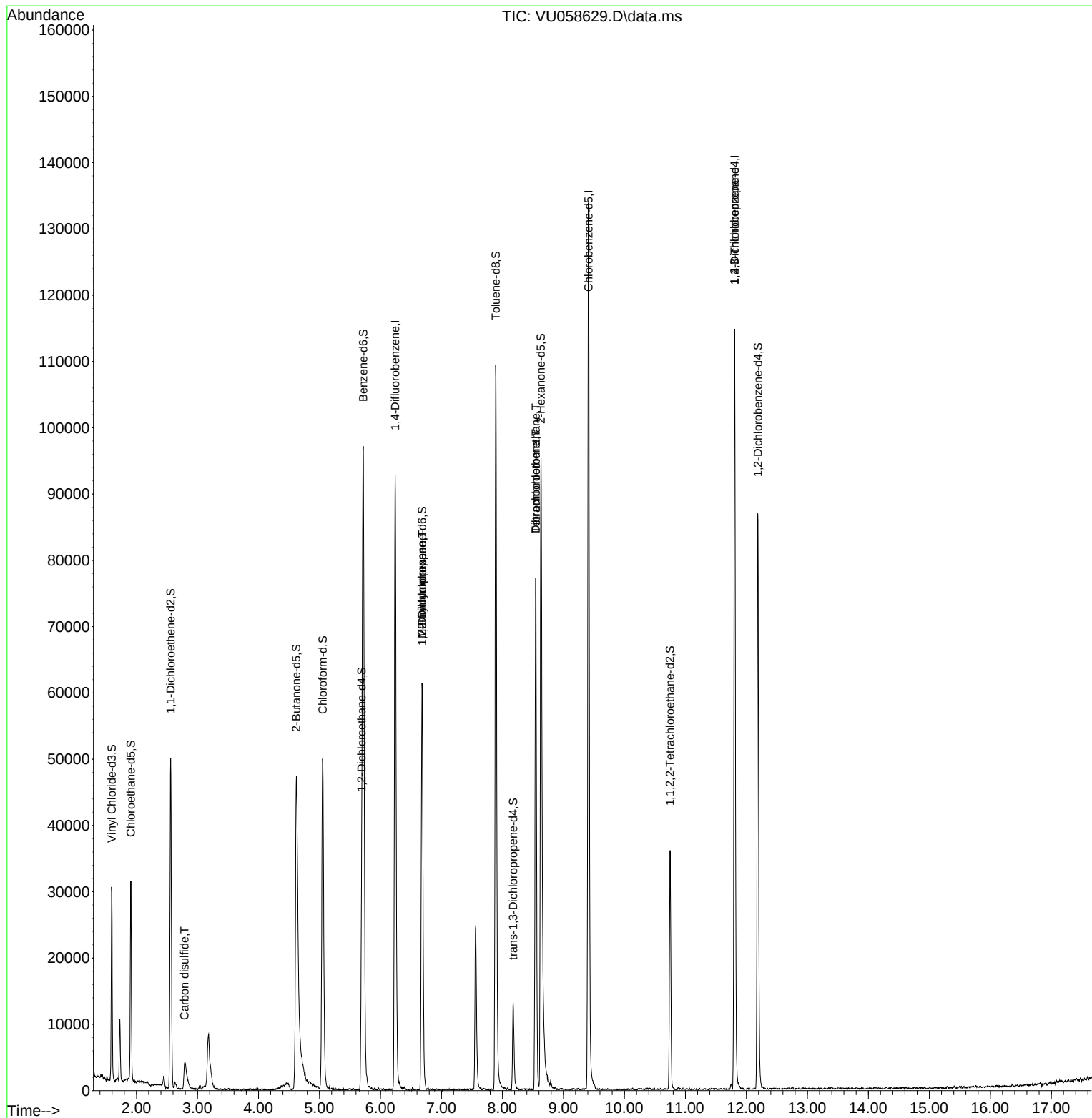
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19862	4.107	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.907	69	19937	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	9490	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.621	46	51718	50.743	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.052	84	47032	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.692	65	22767	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.718	84	89179	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.682	67	29402	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	73216	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	8243	4.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.631	63	34125	43.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18671	4.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	22004	4.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.785	76	2449	0.149	ug/L	95
35) Methylcyclohexane	6.682	83	6417	0.643	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3141	0.455	ug/L #	90
47) Tetrachloroethene	8.547	164	16314	3.362	ug/L	98
49) Dibromochloromethane	8.547	129	16274	3.489	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4092	1.334	ug/L #	68

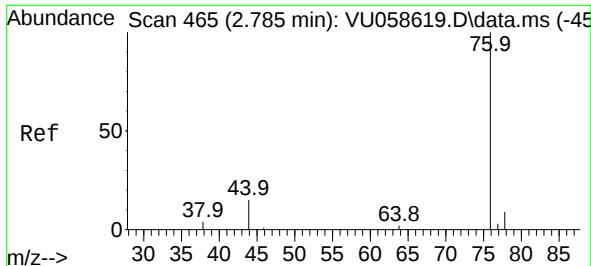
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 37 Sample Multiplier: 1

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MSVOA_U
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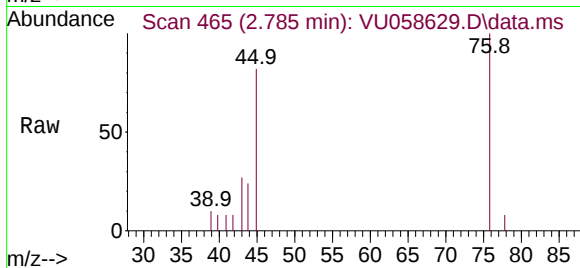
Quant Time: Apr 12 05:00:45 2024
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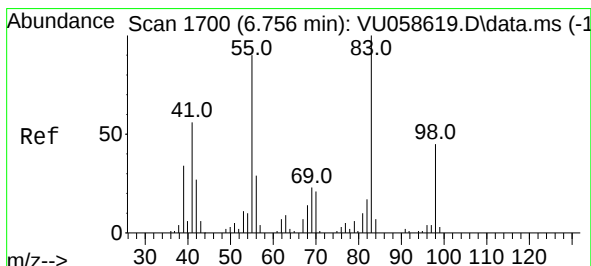
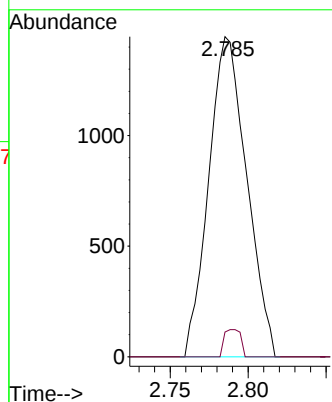
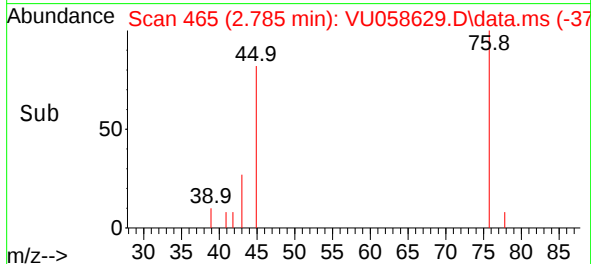


#14
Carbon disulfide
Concen: 0.149 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU058629.D
Acq: 11 Apr 2024 23:53

Instrument :
MSVOA_U
ClientSampleId :

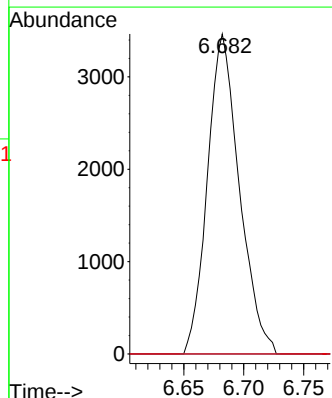
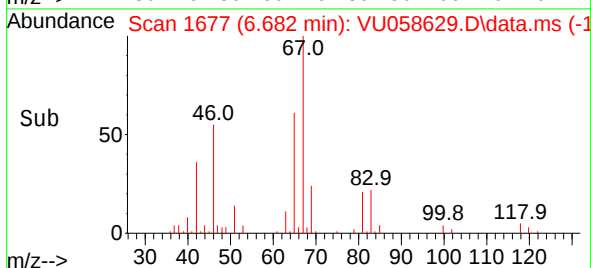
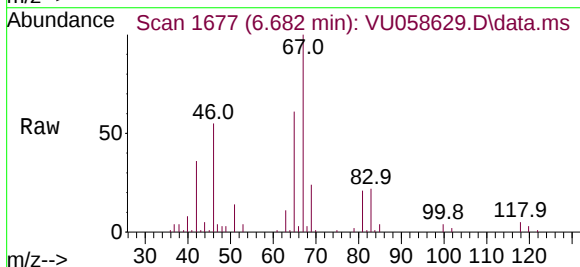


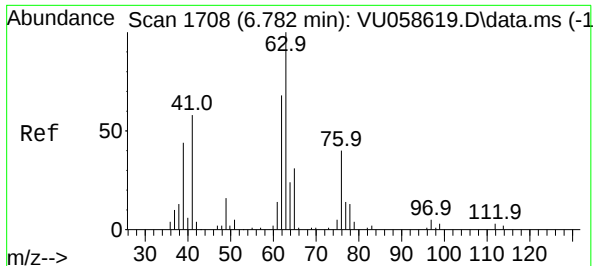
Tgt Ion: 76 Resp: 2449
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#35
Methylcyclohexane
Concen: 0.643 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058629.D
Acq: 11 Apr 2024 23:53

Tgt Ion: 83 Resp: 6417
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

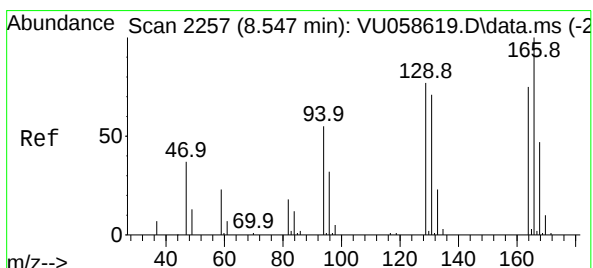
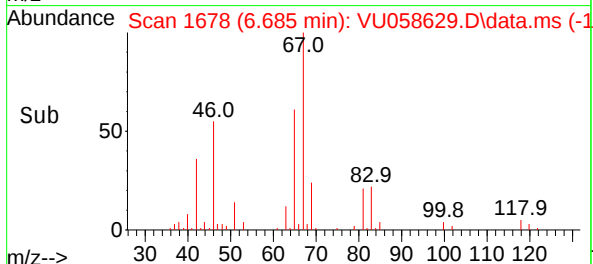
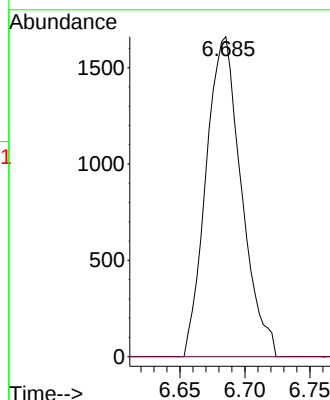
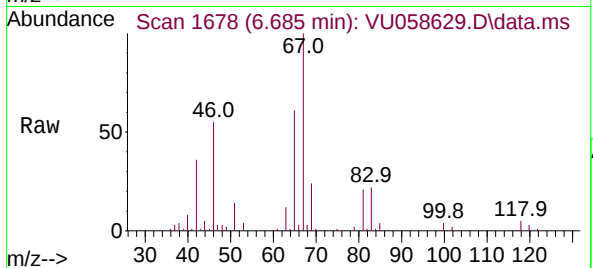




#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058629.D
Acq: 11 Apr 2024 23:53

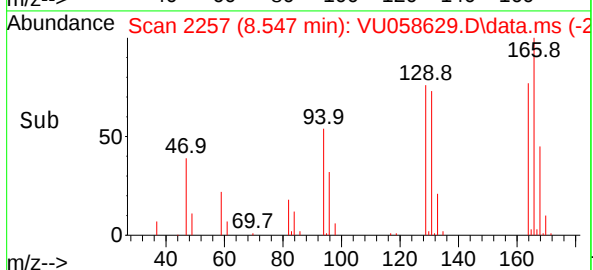
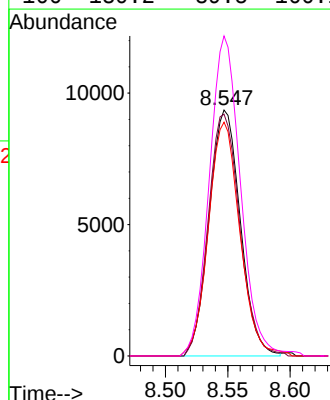
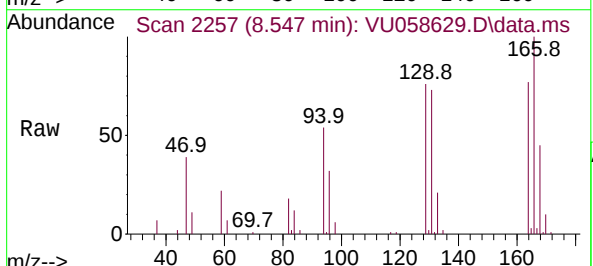
Instrument :
MSVOA_U
ClientSampleId :

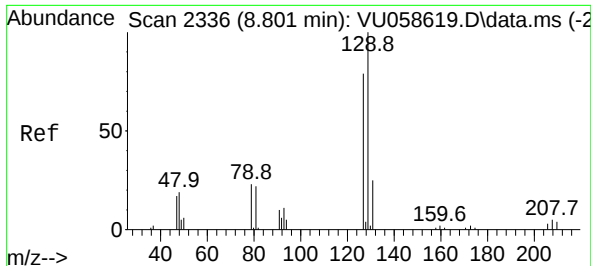
Tgt Ion: 63 Resp: 3141
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#47
Tetrachloroethene
Concen: 3.362 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058629.D
Acq: 11 Apr 2024 23:53

Tgt Ion:164 Resp: 16314
Ion Ratio Lower Upper
164 100
129 98.4 67.3 125.1
131 95.1 65.5 121.6
166 130.2 89.5 166.1





#49

Dibromochloromethane

Concen: 3.489 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058629.D

Acq: 11 Apr 2024 23:53

Instrument :

MSVOA_U

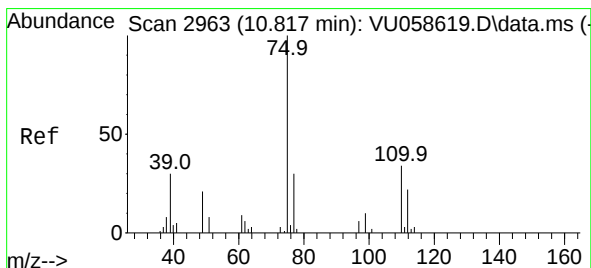
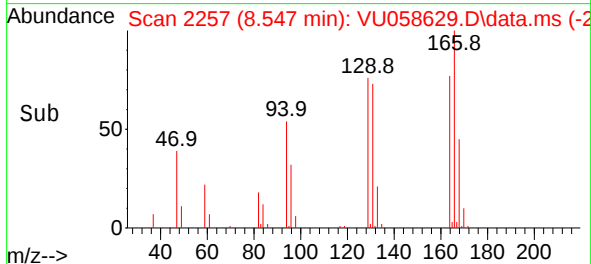
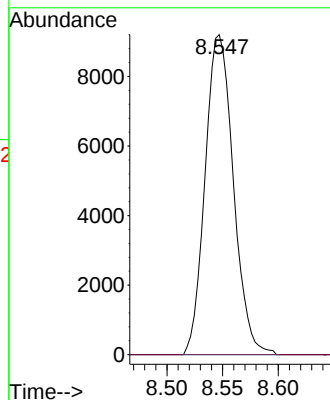
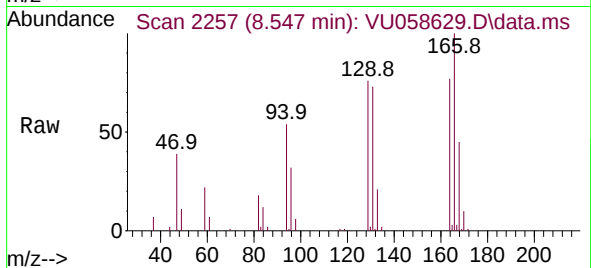
ClientSampleId :

Tgt Ion:129 Resp: 16274

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.334 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058629.D

Acq: 11 Apr 2024 23:53

Tgt Ion: 75 Resp: 4092

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 34.0 25.1 37.7

