

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058845.D
 Acq On : 07 May 2024 16:35
 Operator : MD/SY
 Sample : P2392-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ2DL

Quant Time: May 08 05:11:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

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

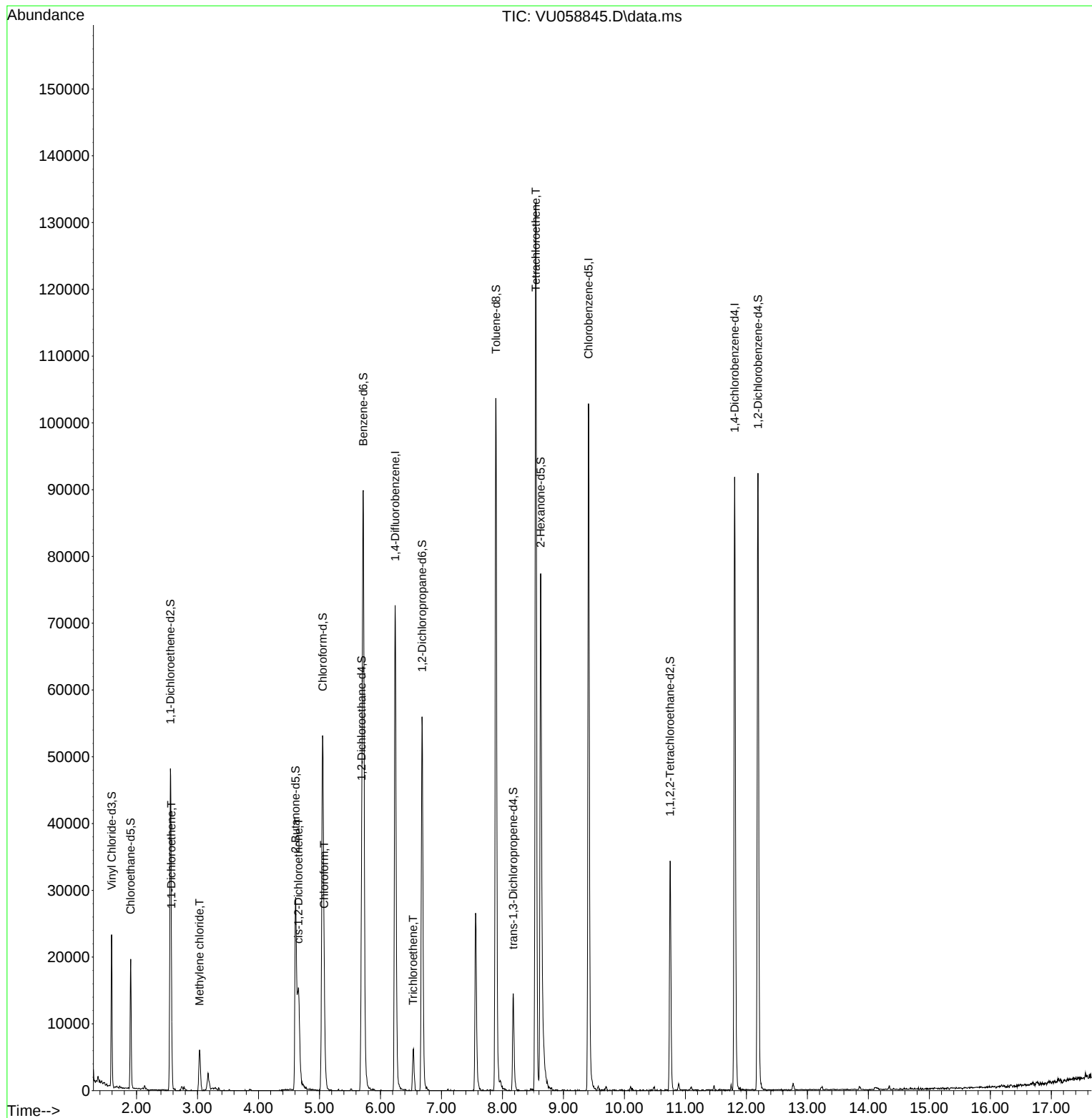
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	58284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	55911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15147	3.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.904	69	12359	3.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.557	65	9362	4.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.608	46	38502	47.800	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.600%
24) Chloroform-d	5.052	84	49616	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.692	65	26575	5.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	5.718	84	83579	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	23610	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	71461	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.177	79	8907	4.609	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.624	63	27172	47.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16708	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	24400	5.575	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	1203	0.283	ug/L	# 1
16) Methylene chloride	3.033	84	3023	0.662	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	6238	1.336	ug/L	94
25) Chloroform	5.078	83	7429	0.794	ug/L	96
34) Trichloroethene	6.537	95	2232	0.424	ug/L	97
47) Tetrachloroethene	8.547	164	28152	7.621	ug/L	97

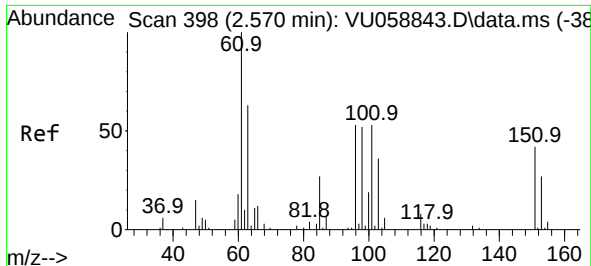
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BHAQ2DL

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 08 05:10:37 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.283 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU058845.D

Acq: 07 May 2024 16:35

Instrument :

MSVOA_U

ClientSampleId :

BHAQ2DL

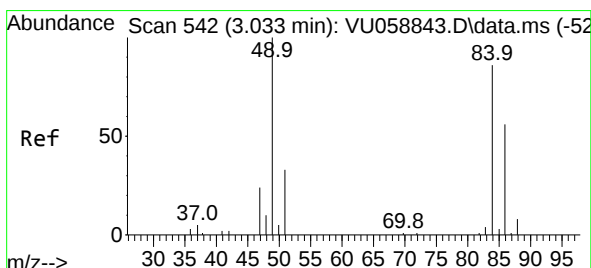
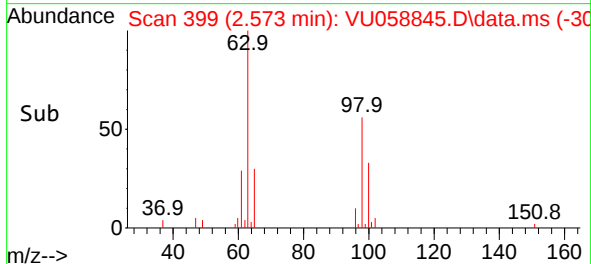
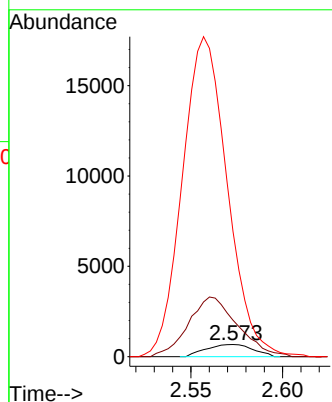
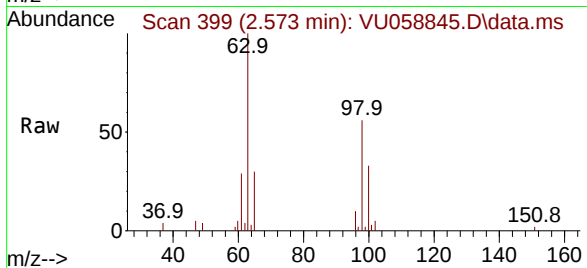
Tgt Ion: 96 Resp: 1203

Ion Ratio Lower Upper

96 100

61 249.6 135.3 251.3

63 857.2 91.9 170.7#



#16

Methylene chloride

Concen: 0.662 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058845.D

Acq: 07 May 2024 16:35

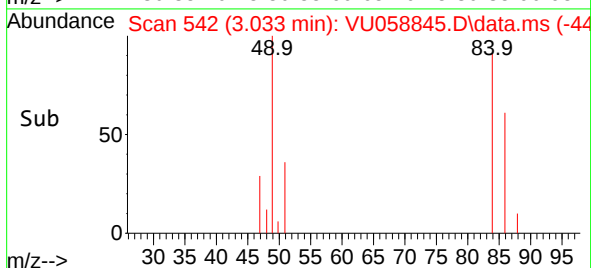
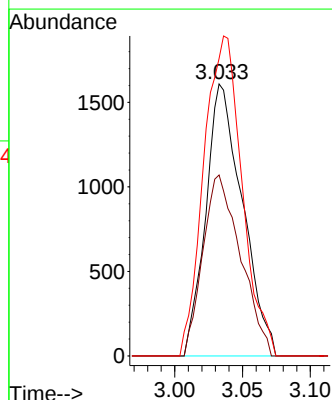
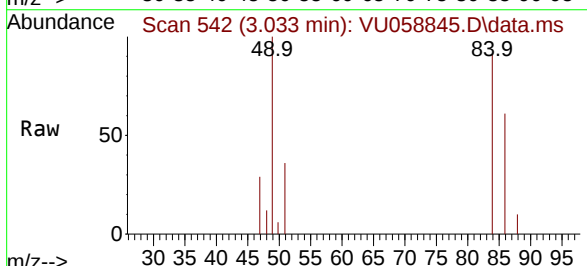
Tgt Ion: 84 Resp: 3023

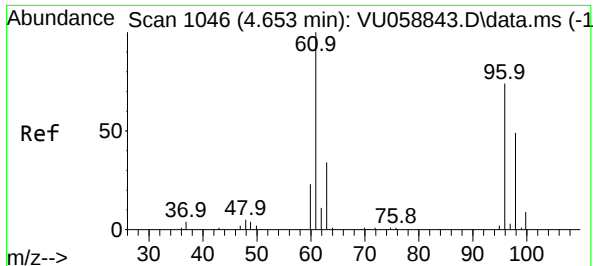
Ion Ratio Lower Upper

84 100

86 66.5 45.0 83.6

49 115.9 91.6 170.2

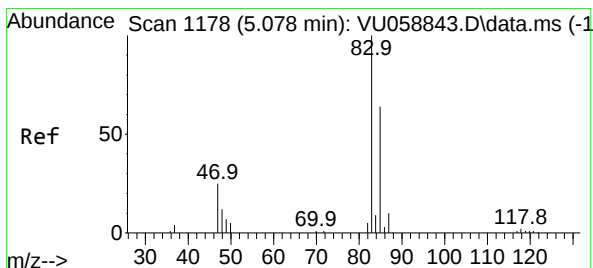
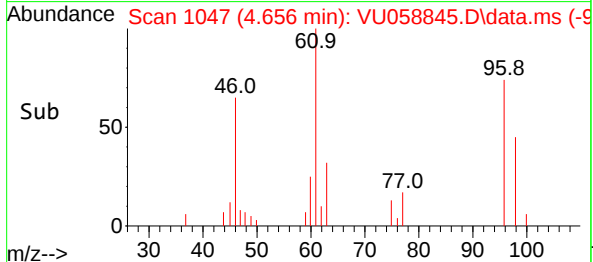
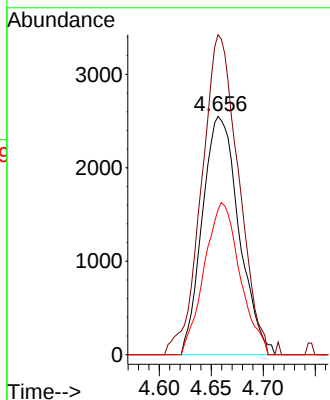
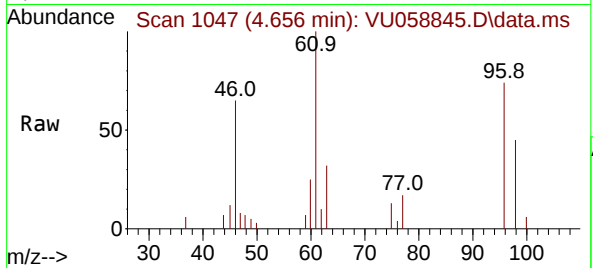




#22
 cis-1,2-Dichloroethene
 Concen: 1.336 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU058845.D
 Acq: 07 May 2024 16:35

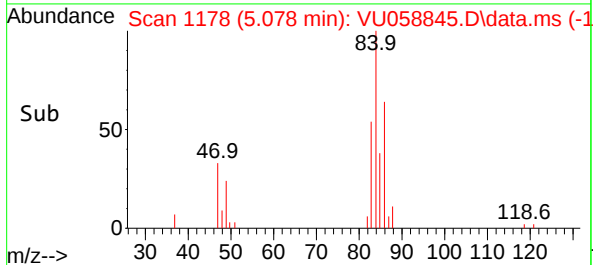
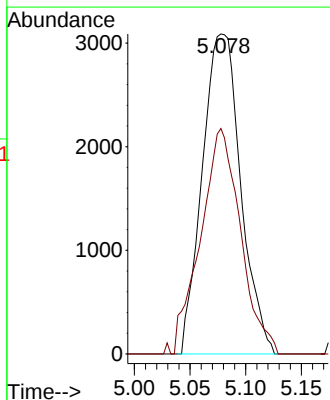
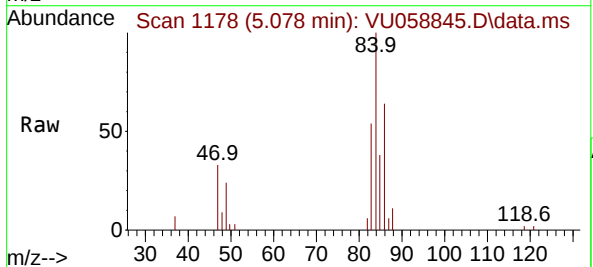
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ2DL

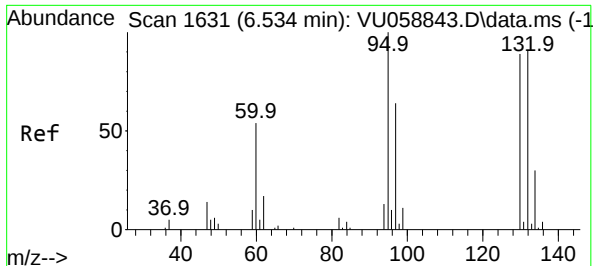
Tgt Ion: 96 Resp: 6238
 Ion Ratio Lower Upper
 96 100
 61 134.3 100.4 186.4
 98 60.9 45.1 83.7



#25
 Chloroform
 Concen: 0.794 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VU058845.D
 Acq: 07 May 2024 16:35

Tgt Ion: 83 Resp: 7429
 Ion Ratio Lower Upper
 83 100
 85 70.5 47.0 87.4



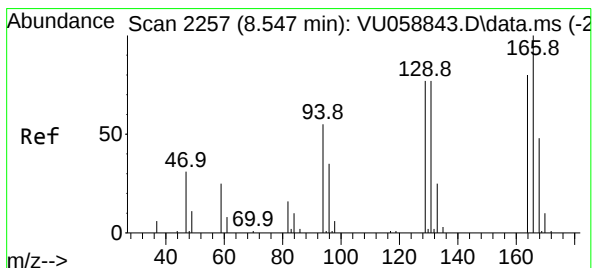
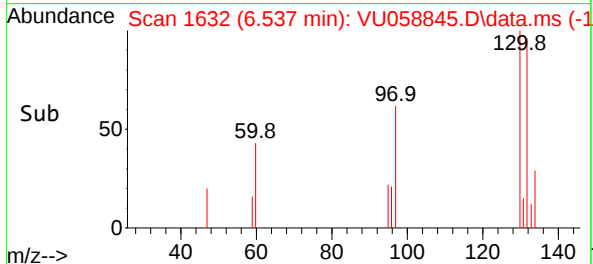
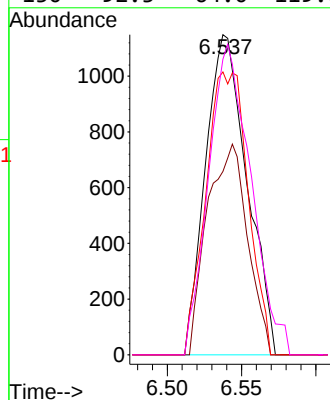
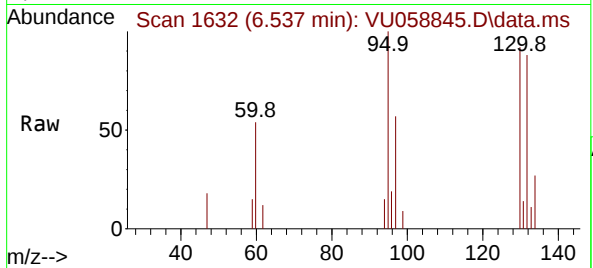


#34
Trichloroethene
Concen: 0.424 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058845.D
Acq: 07 May 2024 16:35

Instrument :
MSVOA_U
ClientSampleId :
BHAQ2DL

Tgt Ion: 95 Resp: 2232

Ion	Ratio	Lower	Upper
95	100		
97	57.3	44.4	82.4
132	88.3	61.6	114.4
130	92.3	64.0	119.0



#47
Tetrachloroethene
Concen: 7.621 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058845.D
Acq: 07 May 2024 16:35

Tgt Ion: 164 Resp: 28152

Ion	Ratio	Lower	Upper
164	100		
129	96.8	71.5	132.9
131	95.2	65.0	120.6
166	127.4	89.5	166.1

