

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052562.D
 Acq On : 27 Dec 2022 14:17
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK140

Quant Time: Dec 28 01:21:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

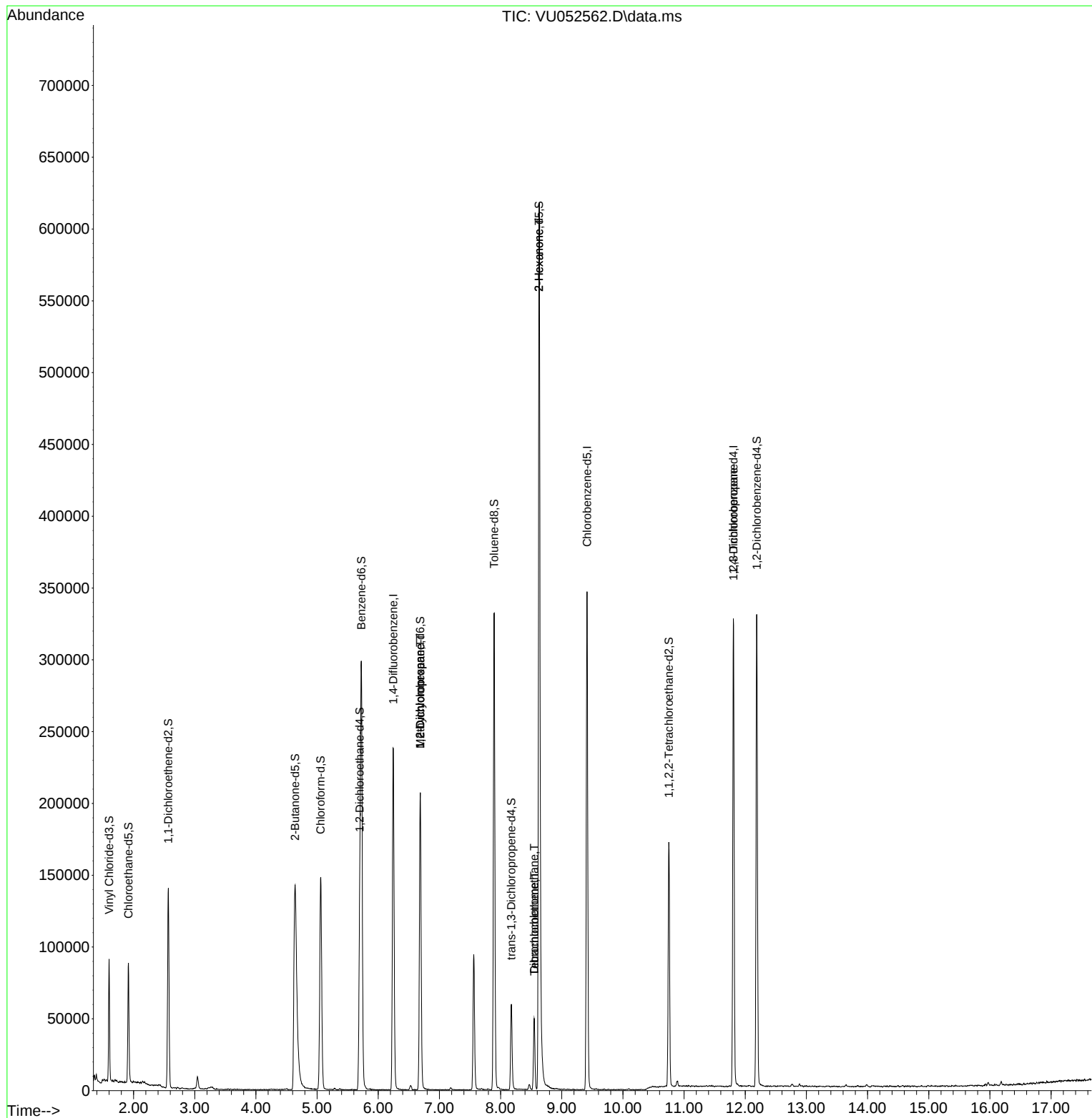
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	184866	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	184086	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59192	3.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.916	69	62555	3.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.568	65	27648	3.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.639	46	310347	53.435	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.880%
24) Chloroform-d	5.057	84	138000	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.697	65	85070	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.726	84	274298	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.687	67	100589	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.896	98	213959	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.176	79	34049	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.629	63	212801	52.283	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.560%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	85945	4.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	82901	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
35) Methylcyclohexane	6.687	83	22438	0.960	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10575	0.572	ug/L #	88
47) Tetrachloroethene	8.552	164	10775	0.996	ug/L	96
48) 2-Hexanone	8.629	43	26535	2.604	ug/L #	77
49) Dibromochloromethane	8.549	129	10270	0.740	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	10873	0.908	ug/L #	70

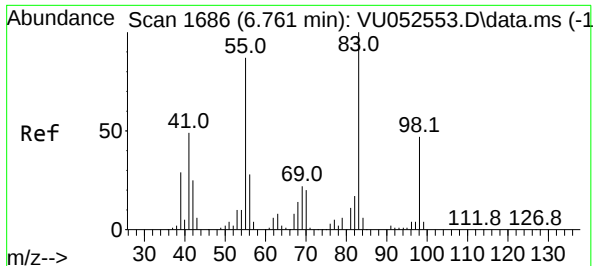
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
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#35

Methylcyclohexane

Concen: 0.960 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052562.D

Acq: 27 Dec 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

VIBLK140

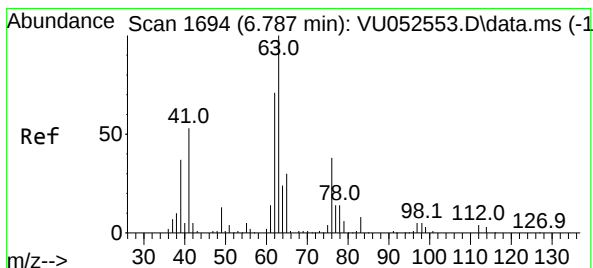
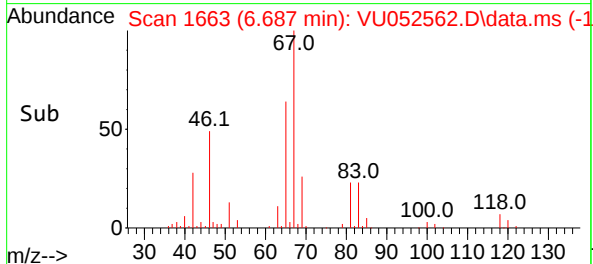
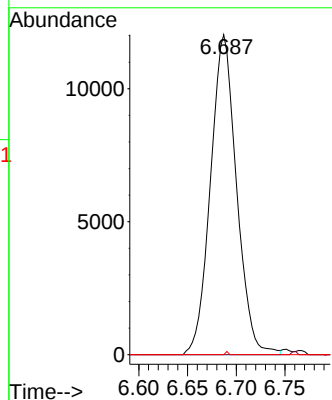
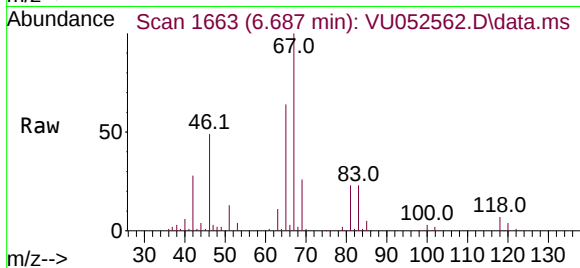
Tgt Ion: 83 Resp: 22438

Ion Ratio Lower Upper

83 100

55 0.2 71.4 107.0#

98 0.1 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052562.D

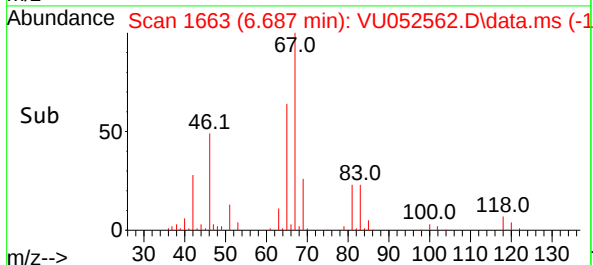
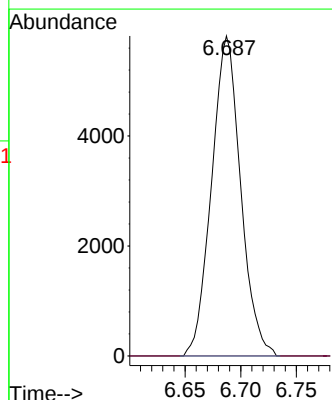
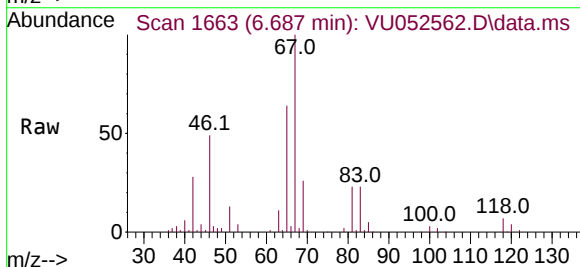
Acq: 27 Dec 2022 14:17

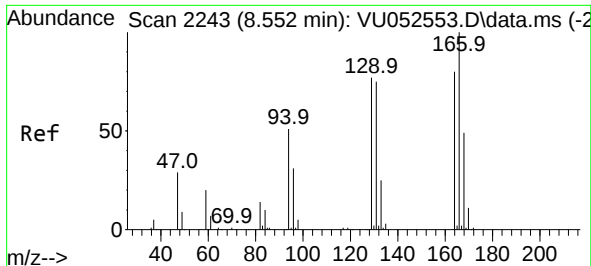
Tgt Ion: 63 Resp: 10575

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

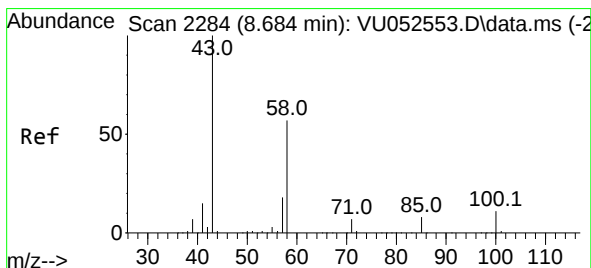
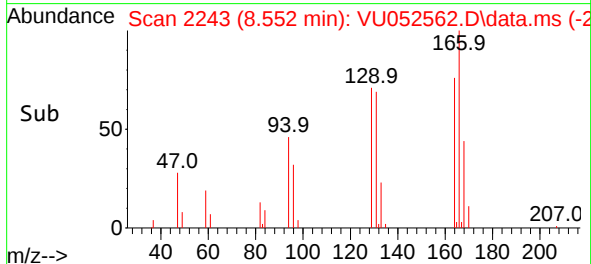
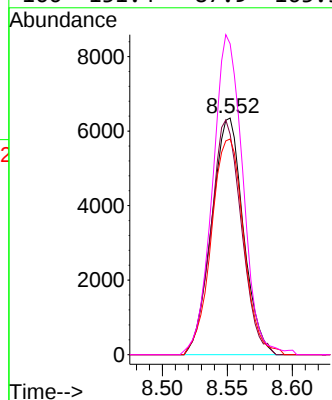
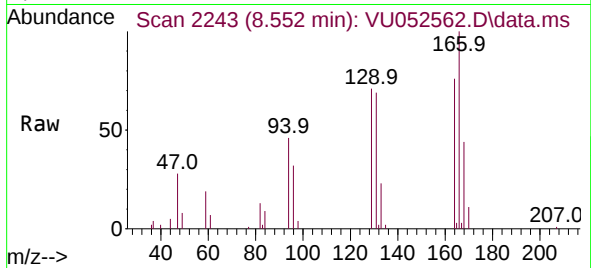




#47
Tetrachloroethene
Concen: 0.996 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052562.D
Acq: 27 Dec 2022 14:17

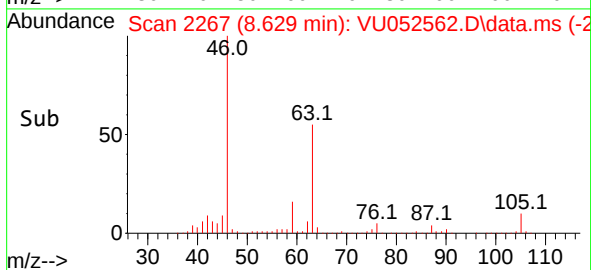
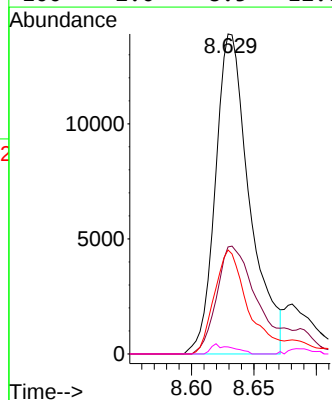
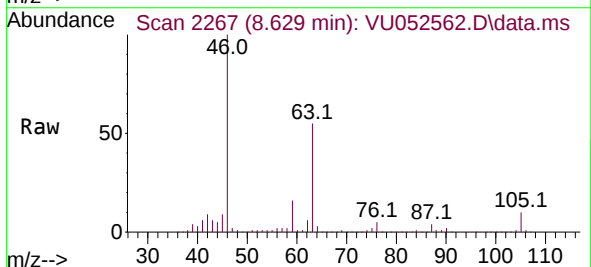
Instrument :
MSVOA_U
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VIBLK140

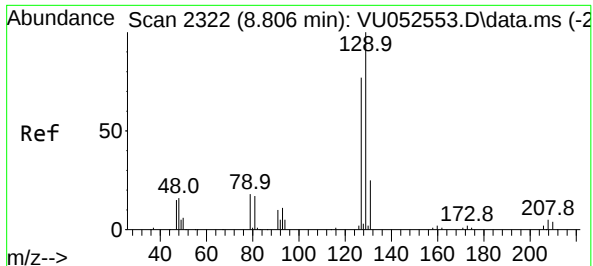
Tgt Ion:164 Resp: 10775
Ion Ratio Lower Upper
164 100
129 93.2 68.1 126.5
131 91.1 66.5 123.5
166 131.4 87.9 163.3



#48
2-Hexanone
Concen: 2.604 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.055 min
Lab File: VU052562.D
Acq: 27 Dec 2022 14:17

Tgt Ion: 43 Resp: 26535
Ion Ratio Lower Upper
43 100
58 40.8 44.1 66.1#
57 32.2 14.6 21.8#
100 2.0 8.5 12.7#





#49

Dibromochloromethane

Concen: 0.740 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052562.D

Acq: 27 Dec 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

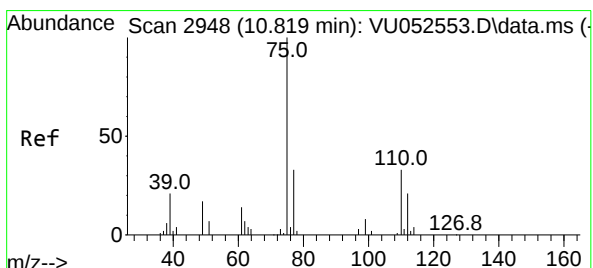
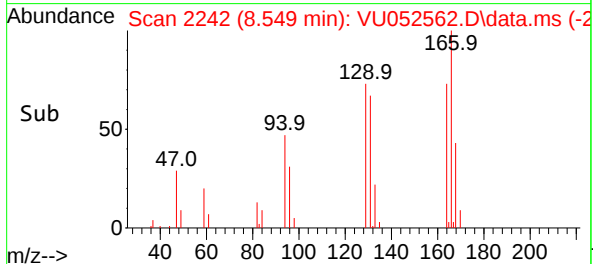
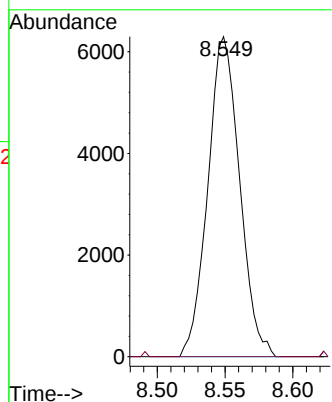
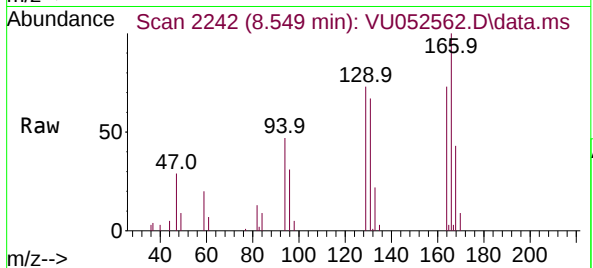
VIBLK140

Tgt Ion:129 Resp: 10270

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 0.908 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052562.D

Acq: 27 Dec 2022 14:17

Tgt Ion: 75 Resp: 10873

Ion Ratio Lower Upper

75 100

110 2.2 27.9 41.9#

77 33.5 25.9 38.9

