

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033513.D
 Acq On : 20 Dec 2023 15:42
 Operator : SY/MD
 Sample : 05927-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:48:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

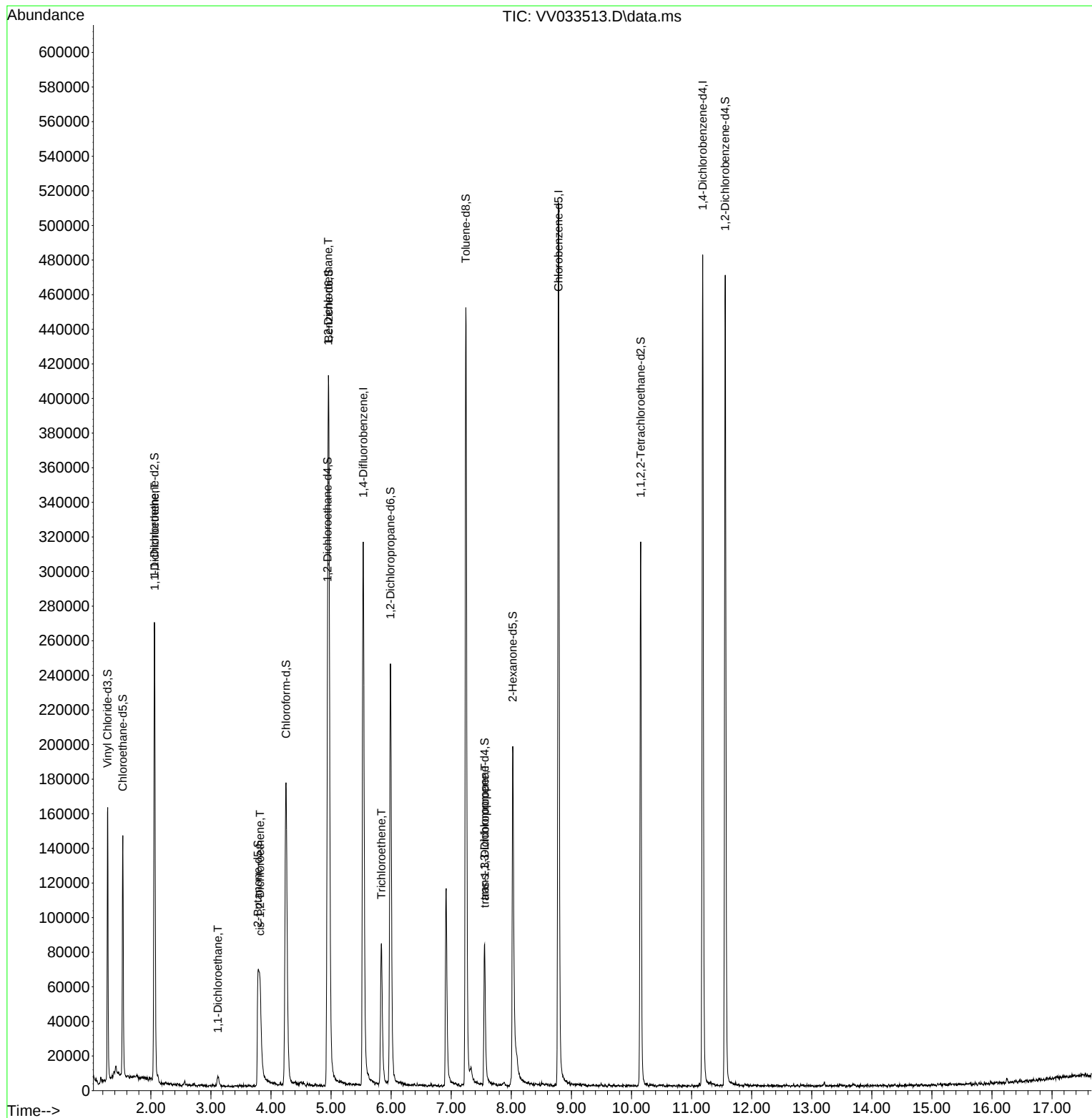
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	264826	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	275965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	97762	47.937	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.880%
7) Chloroethane-d5	1.532	69	89626	48.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.940%
11) 1,1-Dichloroethene-d2	2.060	65	46714	46.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
21) 2-Butanone-d5	3.783	46	101274	98.531	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.530%
24) Chloroform-d	4.249	84	186354	46.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
26) 1,2-Dichloroethane-d4	4.941	65	120247	48.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
32) Benzene-d6	4.960	84	353370	47.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	5.989	67	114967	50.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.940%
41) Toluene-d8	7.243	98	295793	43.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.980%
43) trans-1,3-Dichloroprop...	7.555	79	48133	43.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.080%
47) 2-Hexanone-d5	8.024	63	61608	81.199	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	147590	45.522	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	111953	50.550	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.100%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.063	96	1679	0.900	ug/L #	1
19) 1,1-Dichloroethane	3.117	63	5184	1.533	ug/L	94
20) cis-1,2-Dichloroethene	3.818	96	22451	11.226	ug/L	94
27) 1,2-Dichloroethane	4.953	62	2552	0.870	ug/L	98
34) Trichloroethene	5.838	95	29242	14.491	ug/L	94
44) trans-1,3-Dichloropropene	7.558	75	2251	0.773	ug/L #	60

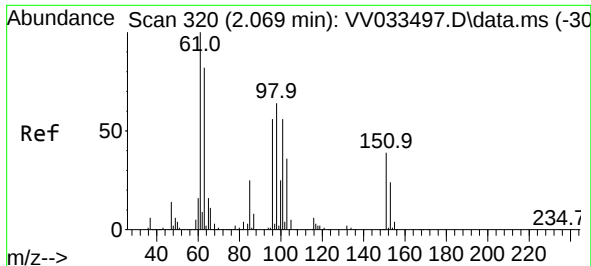
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 01:48:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 21 01:43:54 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.900 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.006 min

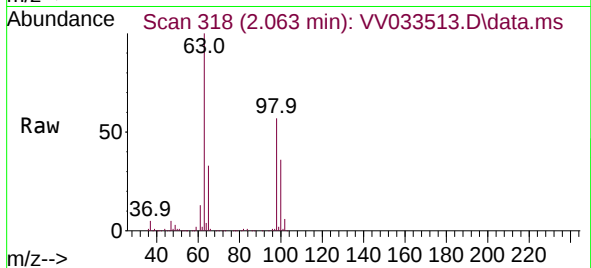
Lab File: VV033513.D

Acq: 20 Dec 2023 15:42

Instrument :

MSVOA_V

ClientSampleId :



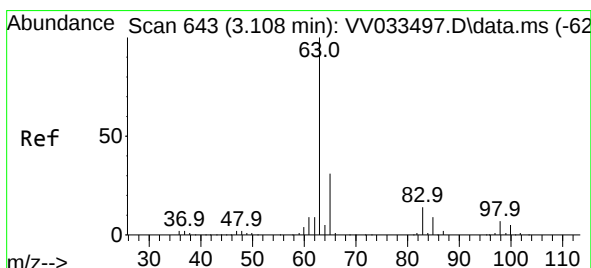
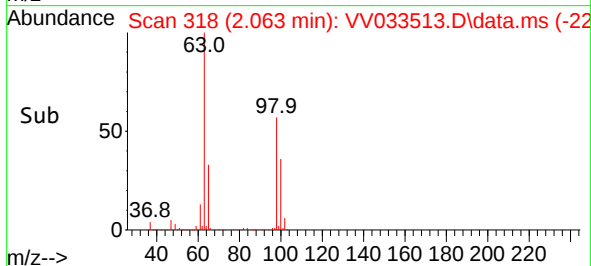
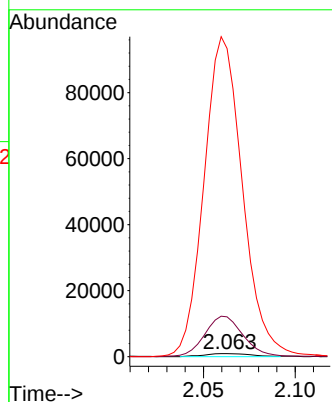
Tgt Ion: 96 Resp: 1679

Ion Ratio Lower Upper

96 100

61 1294.3 124.3 230.8#

63 10028.8 108.1 200.7#



#19

1,1-Dichloroethane

Concen: 1.533 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.010 min

Lab File: VV033513.D

Acq: 20 Dec 2023 15:42

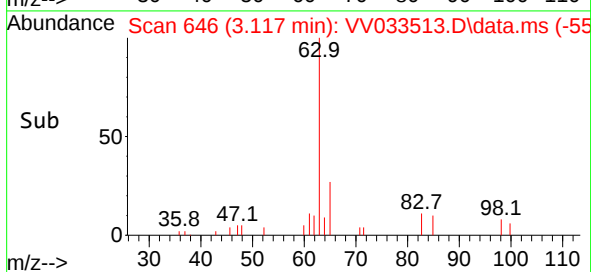
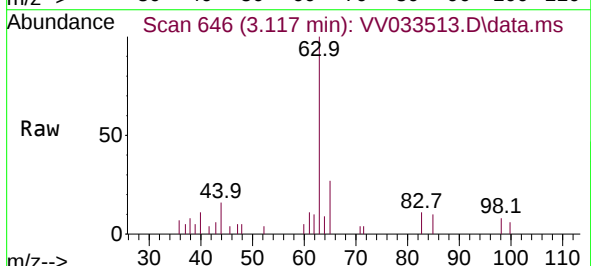
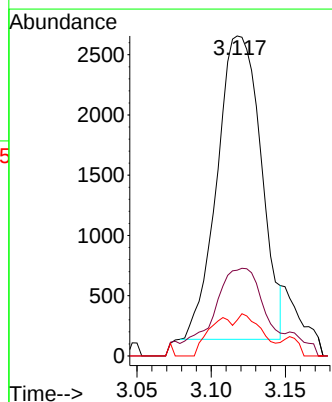
Tgt Ion: 63 Resp: 5184

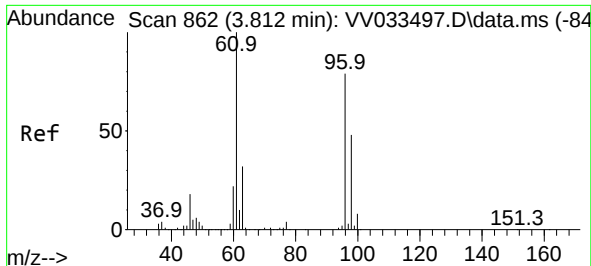
Ion Ratio Lower Upper

63 100

65 26.8 21.1 39.3

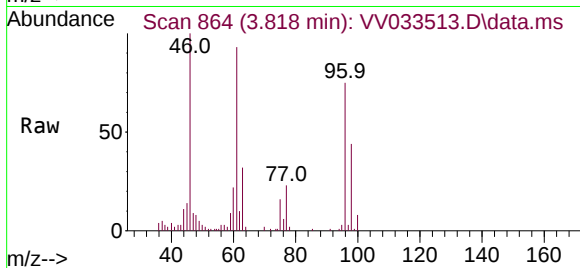
83 11.2 9.7 17.9



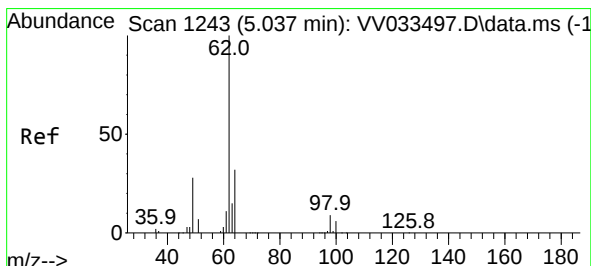
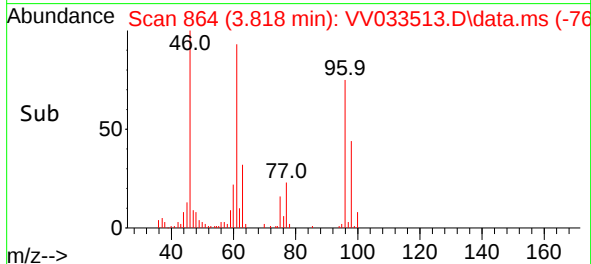
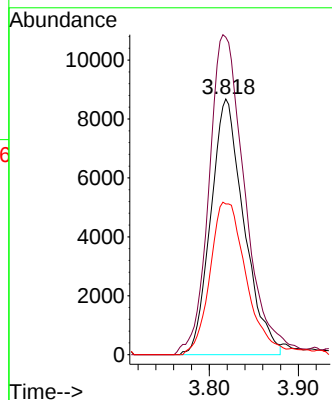


#20
 cis-1,2-Dichloroethene
 Concen: 11.226 ug/L
 RT: 3.818 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VV033513.D
 Acq: 20 Dec 2023 15:42

Instrument :
 MSVOA_V
 ClientSampleId :

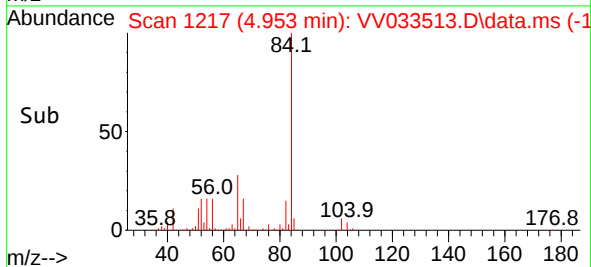
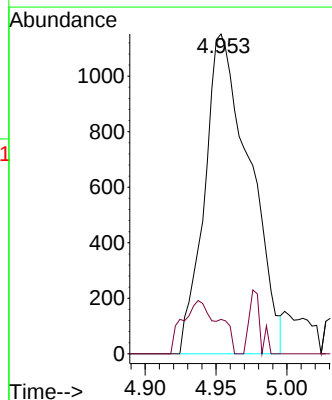
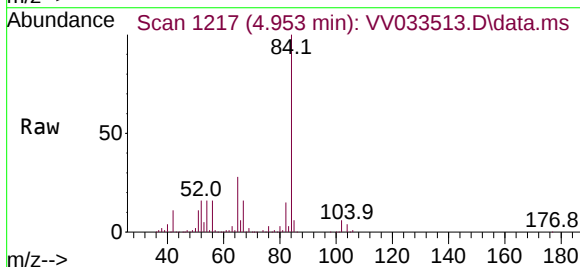


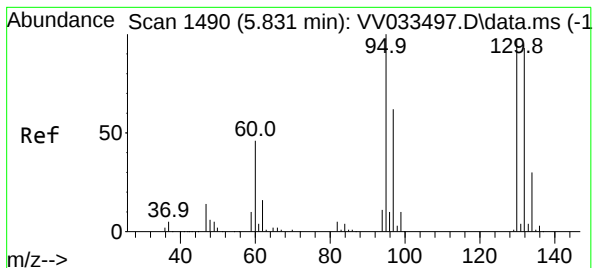
Tgt Ion: 96 Resp: 22451
 Ion Ratio Lower Upper
 96 100
 61 124.1 81.9 152.1
 98 58.9 44.3 82.3



#27
 1,2-Dichloroethane
 Concen: 0.870 ug/L
 RT: 4.953 min Scan# 1217
 Delta R.T. -0.084 min
 Lab File: VV033513.D
 Acq: 20 Dec 2023 15:42

Tgt Ion: 62 Resp: 2552
 Ion Ratio Lower Upper
 62 100
 98 10.8 8.0 12.0





#34

Trichloroethene

Concen: 14.491 ug/L

RT: 5.838 min Scan# 14

Delta R.T. 0.006 min

Lab File: VV033513.D

Acq: 20 Dec 2023 15:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 29242

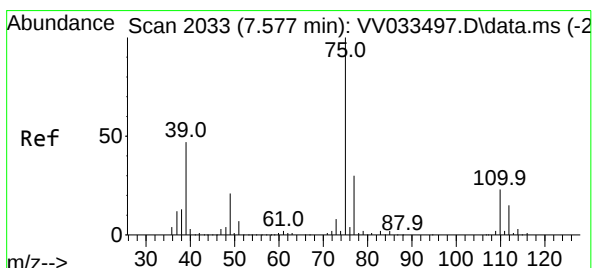
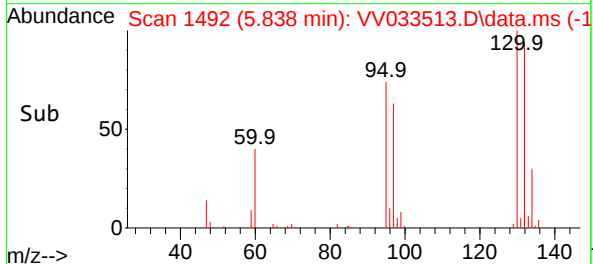
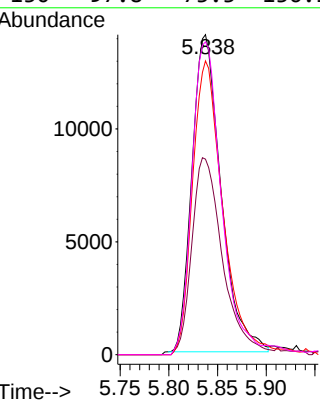
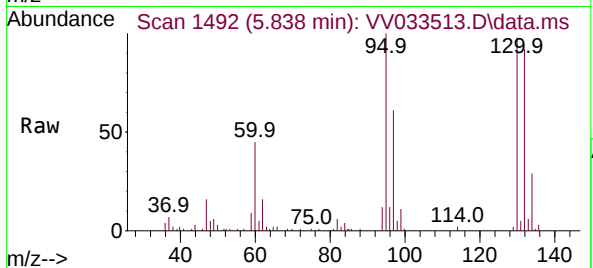
Ion Ratio Lower Upper

95 100

97 61.1 44.8 83.2

132 91.8 69.9 129.7

130 97.8 73.3 136.1



#44

trans-1,3-Dichloropropene

Concen: 0.773 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.019 min

Lab File: VV033513.D

Acq: 20 Dec 2023 15:42

Tgt Ion: 75 Resp: 2251

Ion Ratio Lower Upper

75 100

77 54.5 22.4 41.6#

