

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023727.D
 Acq On : 26 Nov 2021 15:47
 Operator : SY/MD
 Sample : M4821-05DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4646DL

Quant Time: Nov 27 03:54:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

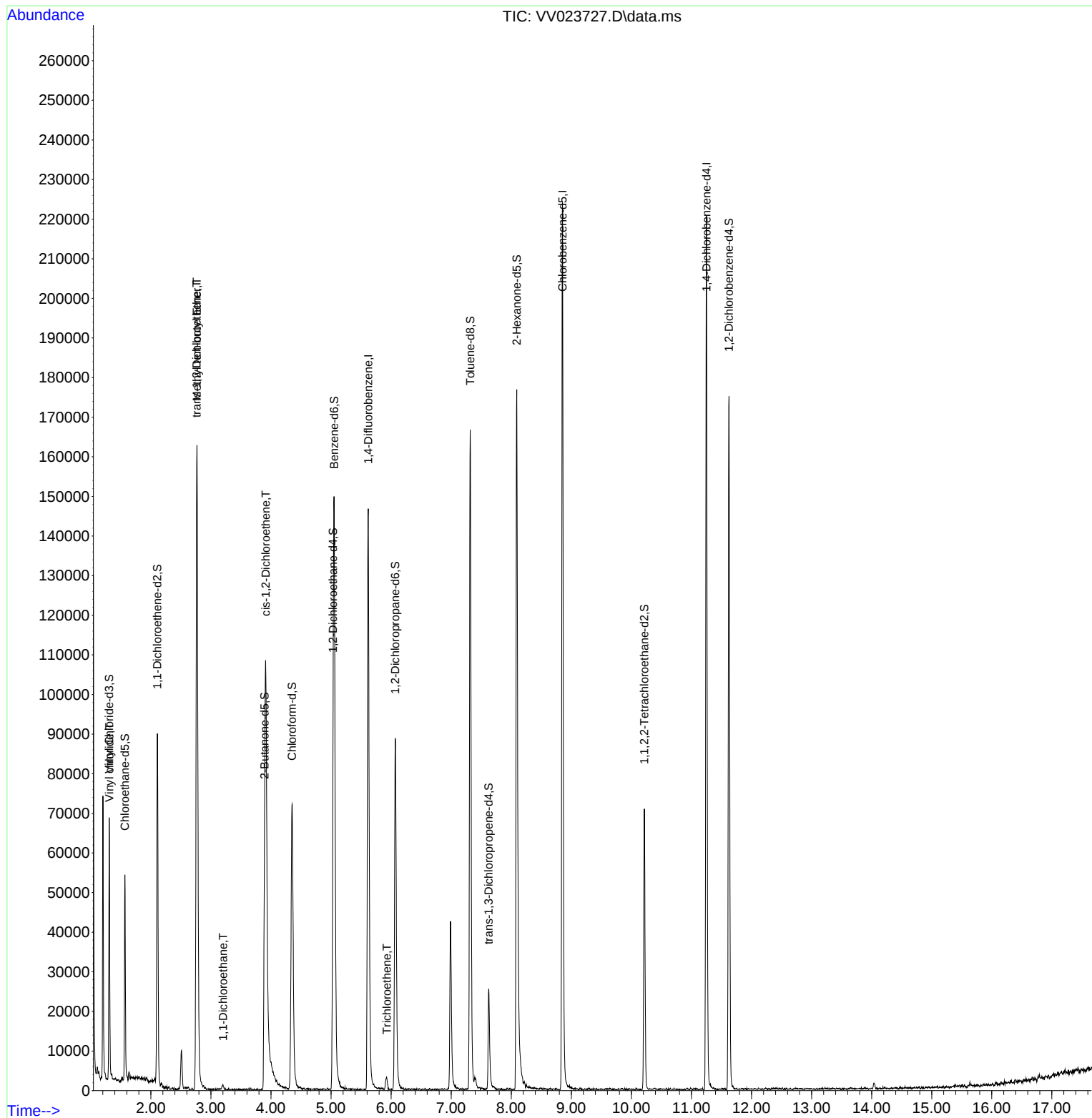
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32920	3.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.568	69	29948	3.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.108	63	44943	2.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.892	46	81112	62.116	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.240%
24) Chloroform-d	4.349	84	74045	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.034	65	39090	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.053	84	132674	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.069	67	41848	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.317	98	111779	3.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.625	79	15582	3.953	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.091	63	62392	47.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30646	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	46895	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
5) Vinyl chloride	1.310	62	5083	0.443	ug/L #	75
17) Methyl tert-butyl Ether	2.767	73	135088	7.436	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	14127	1.399	ug/L	99
19) 1,1-Dichloroethane	3.201	63	1513	0.089	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	45807	4.730	ug/L	98
34) Trichloroethene	5.931	95	873	0.089	ug/L	86

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

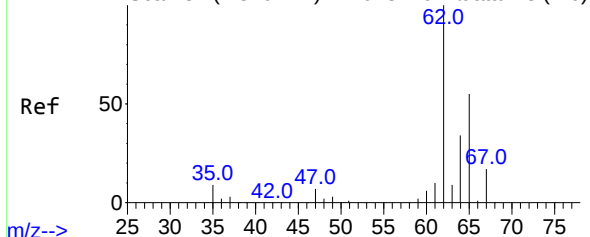
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023716.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.443 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023727.D

Acq: 26 Nov 2021 15:47

Instrument :

MSVOA_V

ClientSampleId :

H4646DL

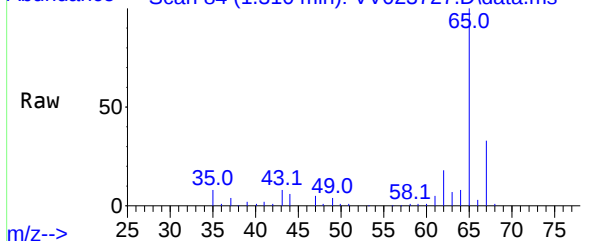
Tgt Ion: 62 Resp: 5083

Ion Ratio Lower Upper

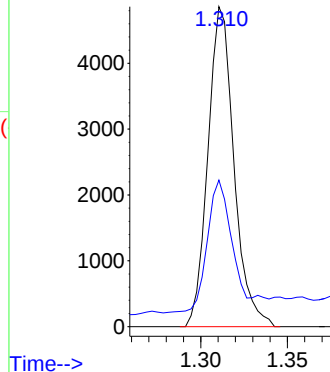
62 100

64 45.8 22.4 41.6#

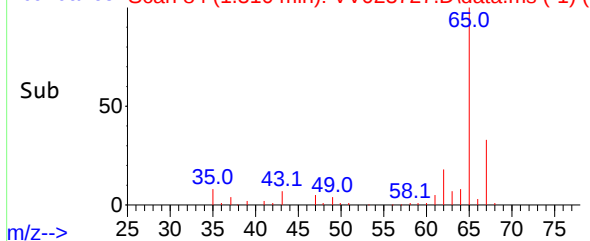
Abundance Scan 84 (1.310 min): VV023727.D\data.ms



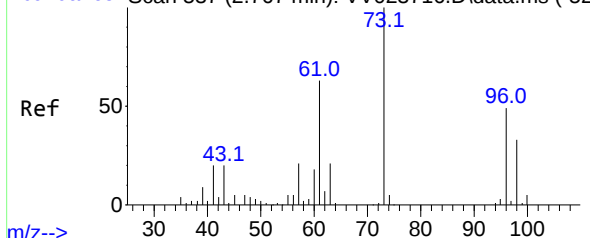
Abundance



Abundance Scan 84 (1.310 min): VV023727.D\data.ms (-1)



Abundance Scan 537 (2.767 min): VV023716.D\data.ms (-52)



#17

Methyl tert-butyl Ether

Concen: 7.436 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.000 min

Lab File: VV023727.D

Acq: 26 Nov 2021 15:47

Tgt Ion: 73 Resp: 135088

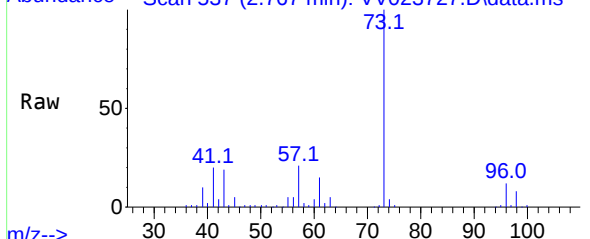
Ion Ratio Lower Upper

73 100

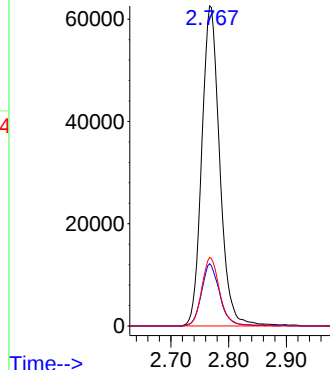
43 19.6 15.5 23.3

57 21.3 17.1 25.7

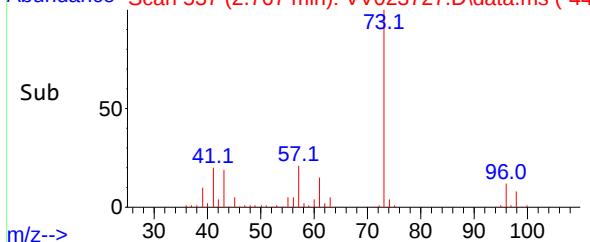
Abundance Scan 537 (2.767 min): VV023727.D\data.ms

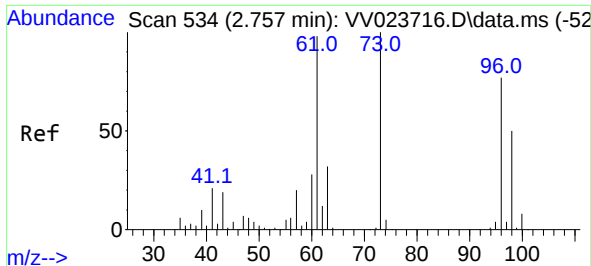


Abundance



Abundance Scan 537 (2.767 min): VV023727.D\data.ms (-44)

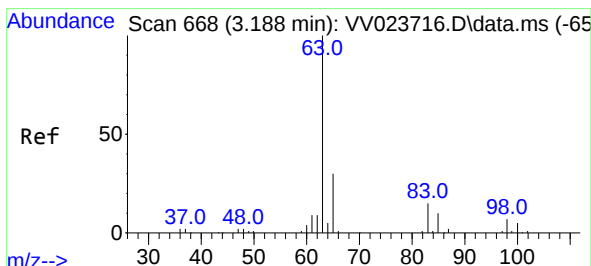
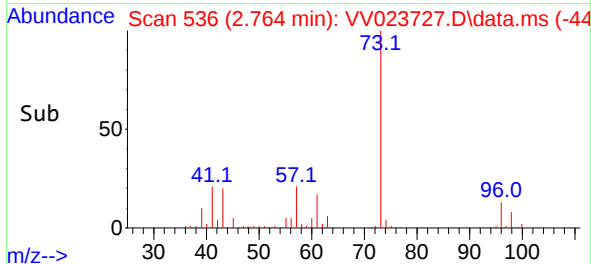
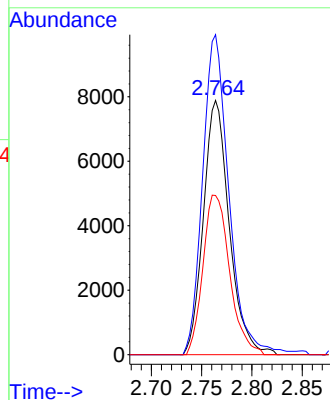
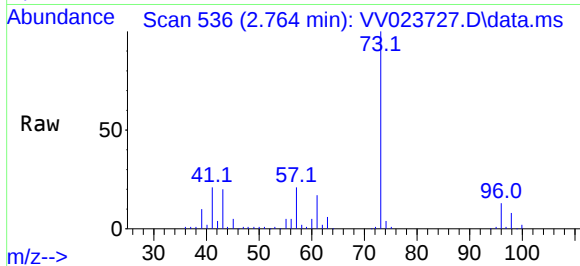




#18
trans-1,2-Dichloroethene
Concen: 1.399 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023727.D
Acq: 26 Nov 2021 15:47

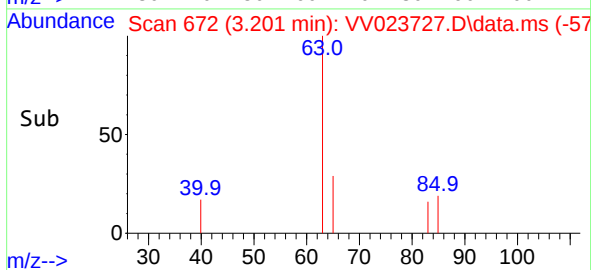
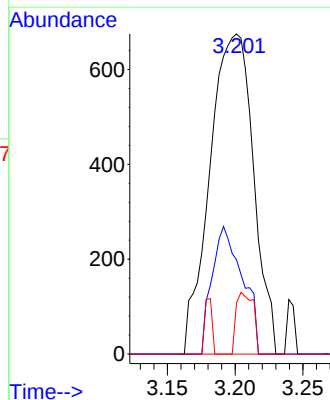
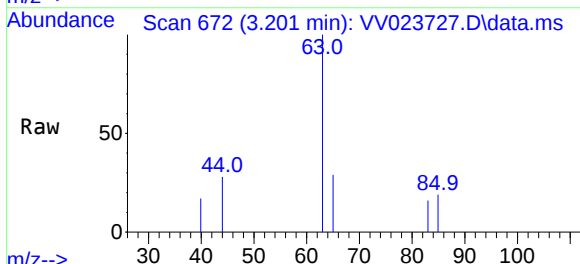
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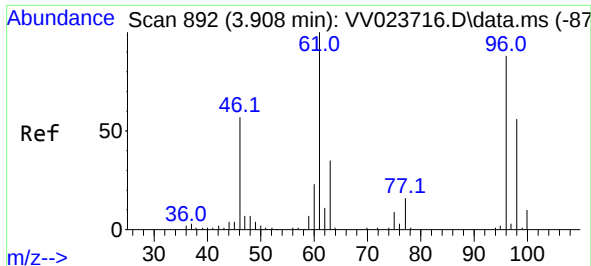
Tgt Ion: 96 Resp: 14127
Ion Ratio Lower Upper
96 100
61 125.8 88.2 163.8
98 62.6 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.089 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.013 min
Lab File: VV023727.D
Acq: 26 Nov 2021 15:47

Tgt Ion: 63 Resp: 1513
Ion Ratio Lower Upper
63 100
65 29.5 22.3 41.3
83 16.0 10.7 19.9

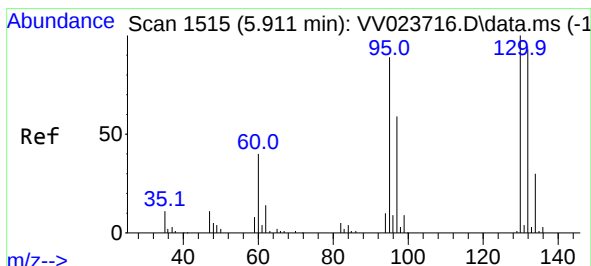
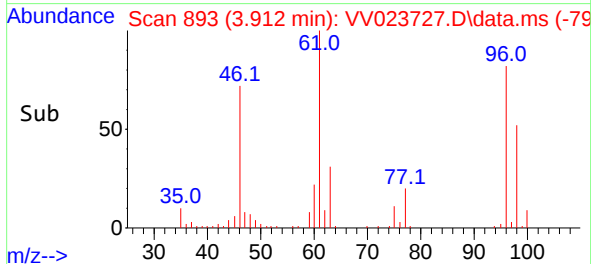
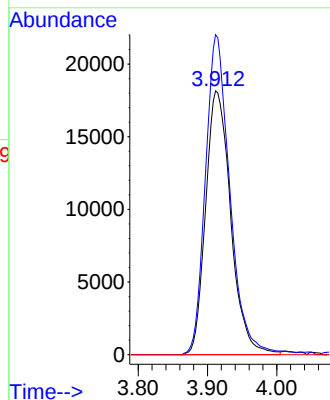
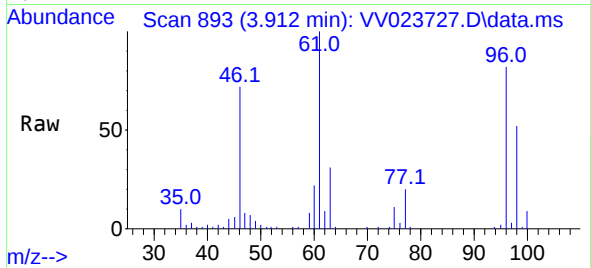




#22
cis-1,2-Dichloroethene
Concen: 4.730 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023727.D
Acq: 26 Nov 2021 15:47

Instrument :
MSVOA_V
ClientSampleId :
H4646DL

Tgt Ion: 96 Resp: 45807
Ion Ratio Lower Upper
96 100
61 121.3 83.4 154.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.089 ug/L
RT: 5.931 min Scan# 1521
Delta R.T. 0.019 min
Lab File: VV023727.D
Acq: 26 Nov 2021 15:47

Tgt Ion: 95 Resp: 873
Ion Ratio Lower Upper
95 100
97 55.9 45.2 84.0
132 90.9 76.1 141.3
130 94.1 75.4 140.0

