

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VW028816.D
 Acq On : 01 Nov 2022 15:14
 Operator : SY/MD
 Sample : N5353-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBWX2

Quant Time: Nov 02 05:13:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

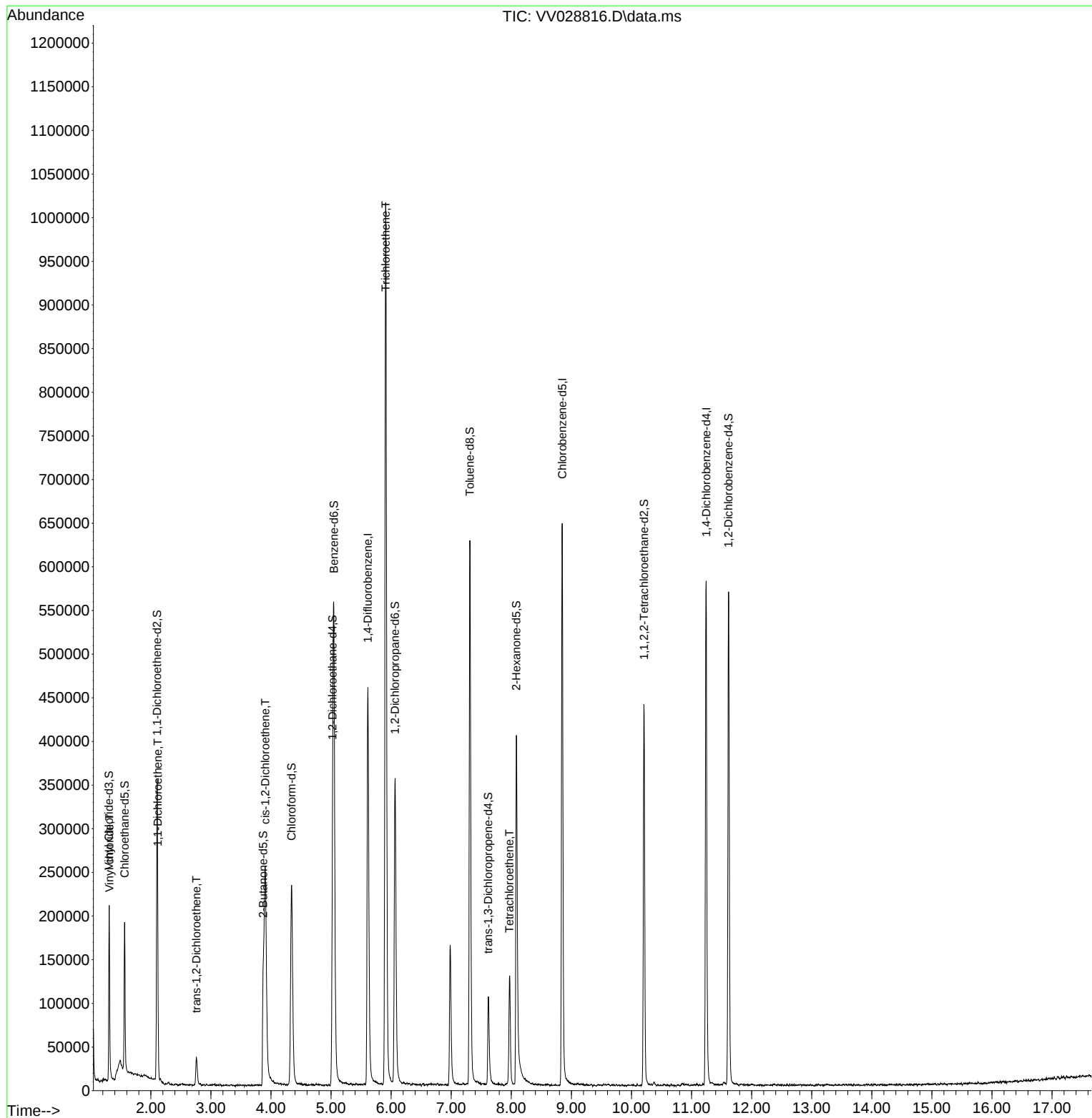
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	356647	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	322756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	138464	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115372	34.124	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.240%
7) Chloroethane-d5	1.564	69	109744	37.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.940%
11) 1,1-Dichloroethene-d2	2.105	63	188489	29.308	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.620%#
21) 2-Butanone-d5	3.870	46	228776	92.957	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	4.342	84	227858	44.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
26) 1,2-Dichloroethane-d4	5.024	65	160834	47.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
32) Benzene-d6	5.047	84	460917	45.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
36) 1,2-Dichloropropane-d6	6.066	67	168692	48.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.540%
41) Toluene-d8	7.310	98	392666	44.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.660%
43) trans-1,3-Dichloroprop...	7.616	79	57451	43.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.480%
47) 2-Hexanone-d5	8.085	63	140800	90.071	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.070%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	214827	47.097	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	130313	47.679	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.360%
Target Compounds						
5) Vinyl chloride	1.310	62	24623	6.141	ug/L	92
12) 1,1-Dichloroethene	2.114	96	6445	2.423	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	10967	4.262	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	111034	39.111	ug/L #	98
34) Trichloroethene	5.908	95	345404	129.986	ug/L	98
46) Tetrachloroethene	7.969	164	24857	13.497	ug/L	98

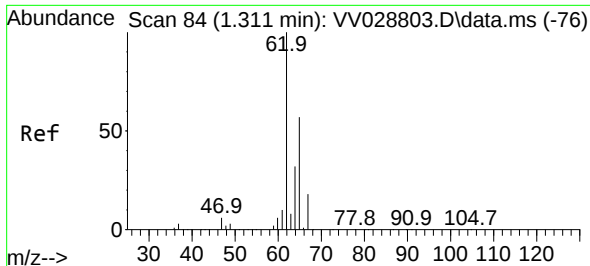
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 02 05:10:28 2022
Response via : Initial Calibration

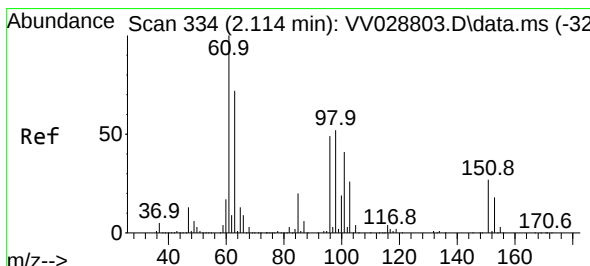
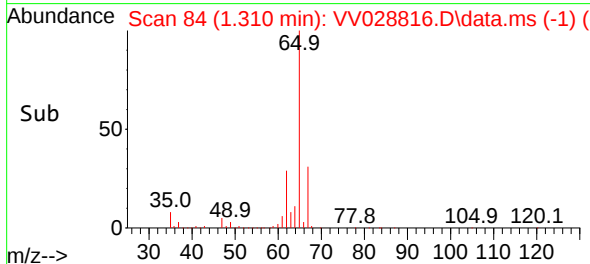
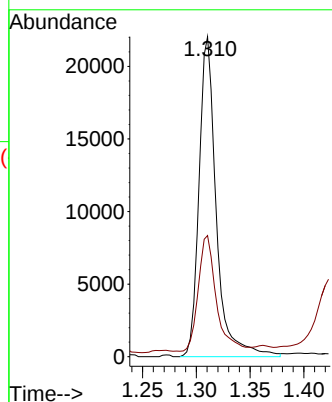
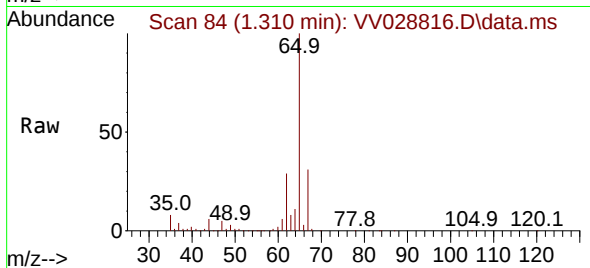




#5
 Vinyl chloride
 Concen: 6.141 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028816.D
 Acq: 01 Nov 2022 15:14

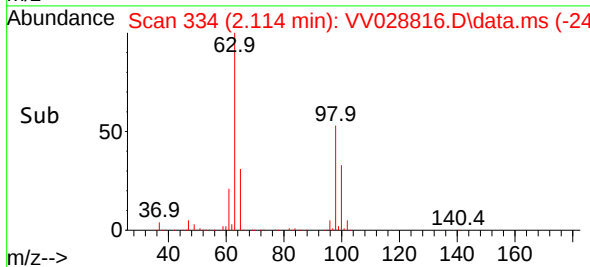
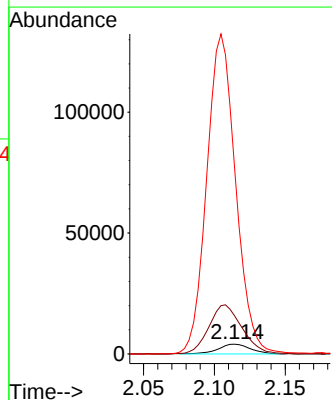
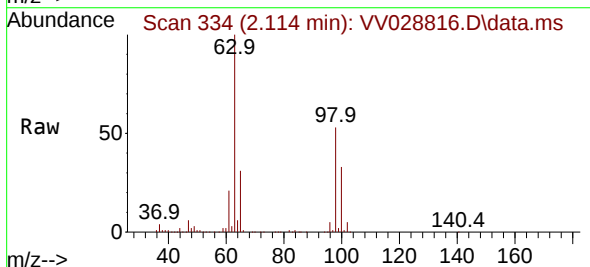
Instrument :
 MSVOA_V
 ClientSampleId :
 DBWX2

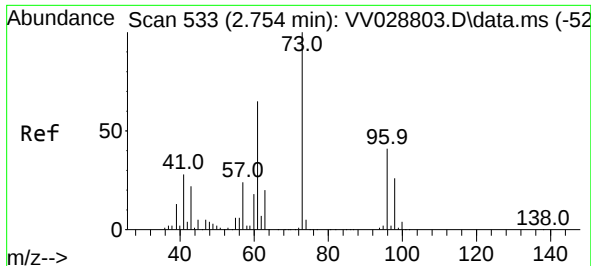
Tgt Ion: 62 Resp: 24623
 Ion Ratio Lower Upper
 62 100
 64 37.8 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 2.423 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV028816.D
 Acq: 01 Nov 2022 15:14

Tgt Ion: 96 Resp: 6445
 Ion Ratio Lower Upper
 96 100
 61 388.2 142.7 265.1#
 63 1892.4 112.5 208.9#

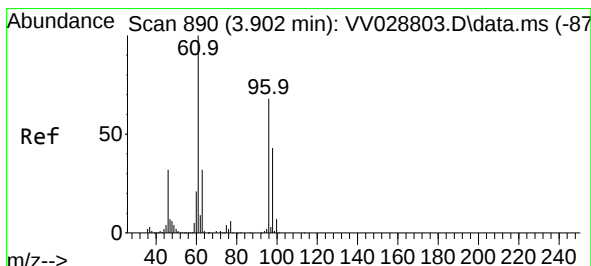
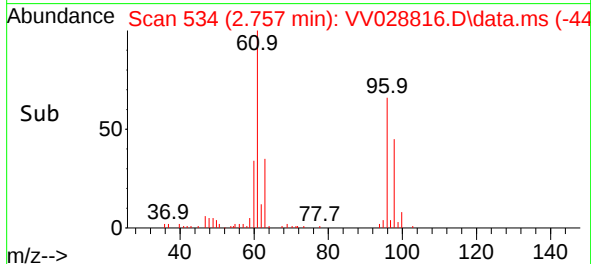
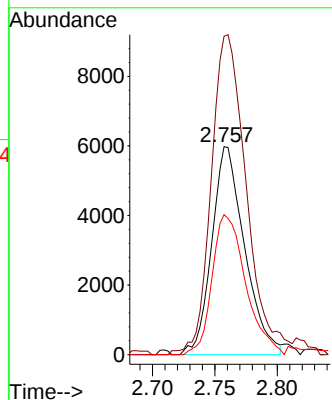
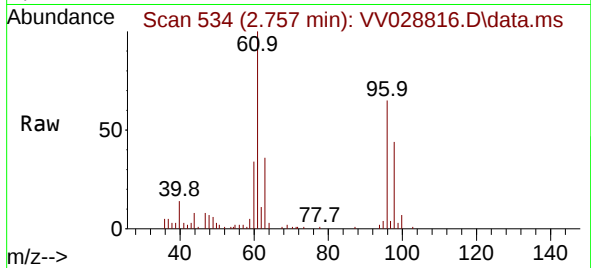




#17
trans-1,2-Dichloroethene
Concen: 4.262 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028816.D
Acq: 01 Nov 2022 15:14

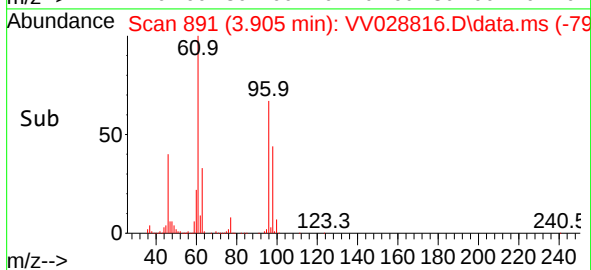
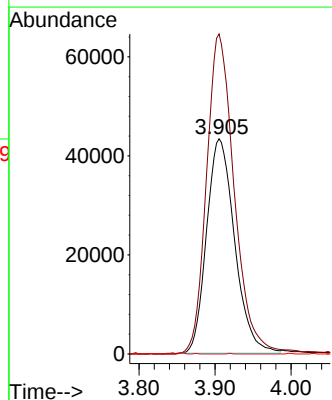
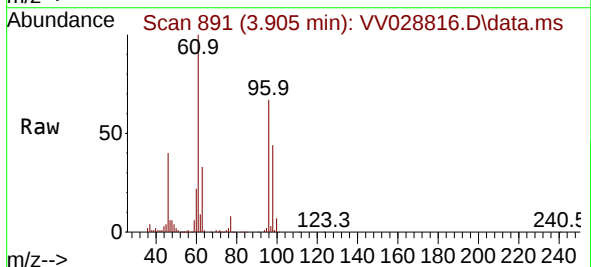
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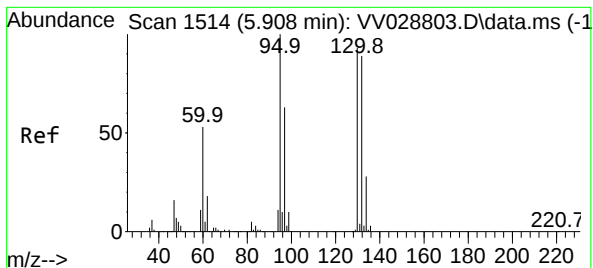
Tgt Ion: 96 Resp: 10967
Ion Ratio Lower Upper
96 100
61 153.0 109.4 203.2
98 67.3 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 39.111 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028816.D
Acq: 01 Nov 2022 15:14

Tgt Ion: 96 Resp: 111034
Ion Ratio Lower Upper
96 100
61 148.7 102.3 190.1
68 0.0 0.1 0.3#





#34

Trichloroethene

Concen: 129.986 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028816.D

Acq: 01 Nov 2022 15:14

Instrument :

MSVOA_V

ClientSampleId :

DBWX2

Tgt Ion: 95 Resp: 345404

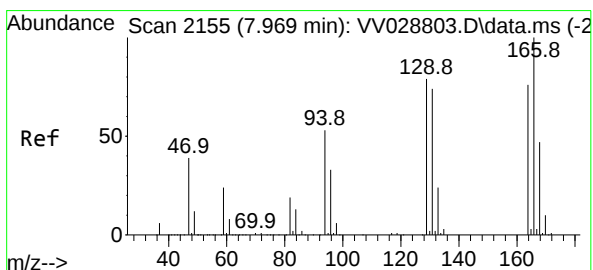
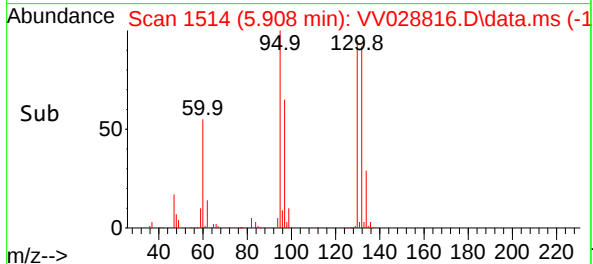
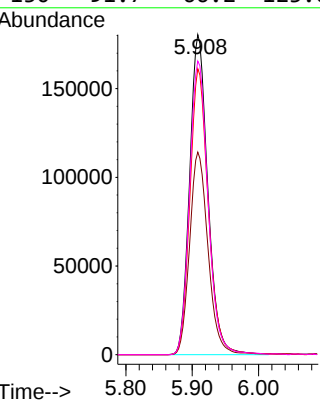
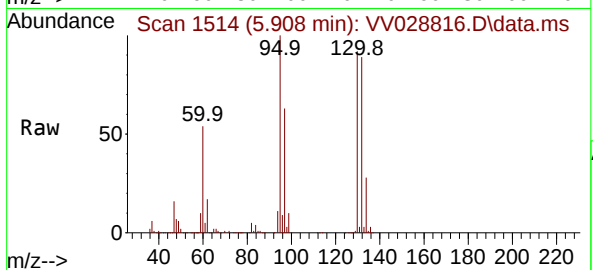
Ion Ratio Lower Upper

95 100

97 63.3 46.2 85.8

132 89.4 63.2 117.4

130 91.7 66.2 123.0



#46

Tetrachloroethene

Concen: 13.497 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028816.D

Acq: 01 Nov 2022 15:14

Tgt Ion:164 Resp: 24857

Ion Ratio Lower Upper

164 100

129 95.1 69.5 129.1

131 94.4 66.4 123.2

166 124.3 88.5 164.3

