

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033407.D
 Acq On : 16 Dec 2023 03:18
 Operator : SY/MD
 Sample : 05802-16DL 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B28DL

Quant Time: Dec 16 04:27:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 01:35:53 2023
 Response via : Initial Calibration

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

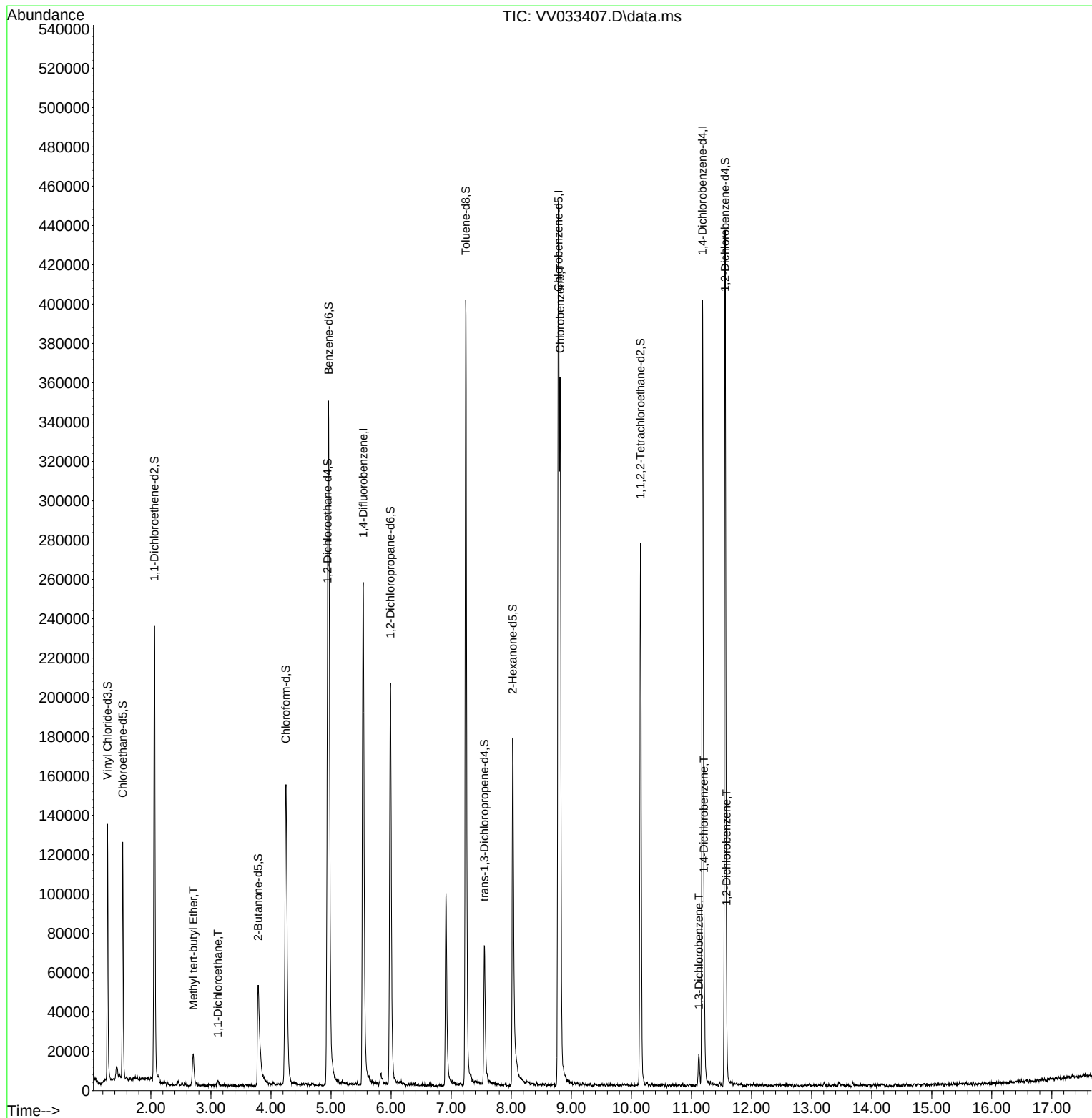
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	222209	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	229097	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80371	46.967	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.940%
7) Chloroethane-d5	1.532	69	71851	46.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.580%
11) 1,1-Dichloroethene-d2	2.060	65	38919	45.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.380%
21) 2-Butanone-d5	3.786	46	83860	97.237	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.240%
24) Chloroform-d	4.246	84	160605	47.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
26) 1,2-Dichloroethane-d4	4.941	65	104341	50.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.360%
32) Benzene-d6	4.960	84	301902	48.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.860%
36) 1,2-Dichloropropane-d6	5.989	67	92630	49.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	7.243	98	256286	45.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.780%
43) trans-1,3-Dichloroprop...	7.551	79	40540	44.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.340%
47) 2-Hexanone-d5	8.024	63	56977	90.458	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.460%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	126486	46.994	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.980%
66) 1,2-Dichlorobenzene-d4	11.561	152	106847	57.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	2.706	73	13246	2.947	ug/L	96
19) 1,1-Dichloroethane	3.118	63	2201	0.776	ug/L	96
51) Chlorobenzene	8.815	112	181764	38.970	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	5859	2.001	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	20125	6.385	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	5745	1.885	ug/L	86

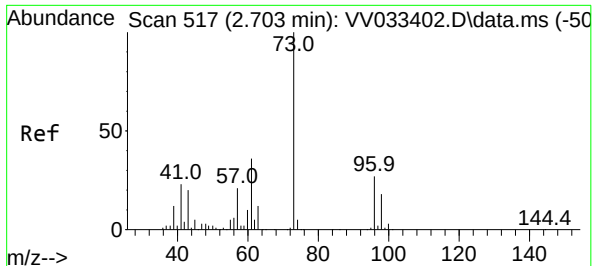
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 16 01:35:53 2023
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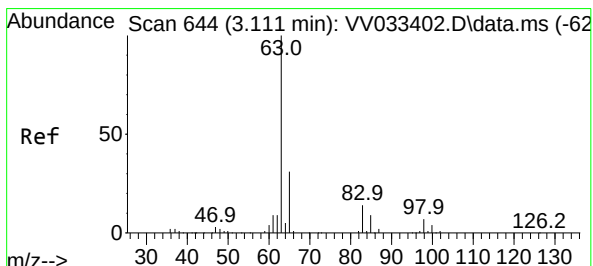
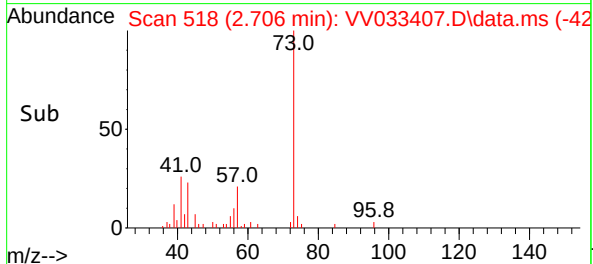
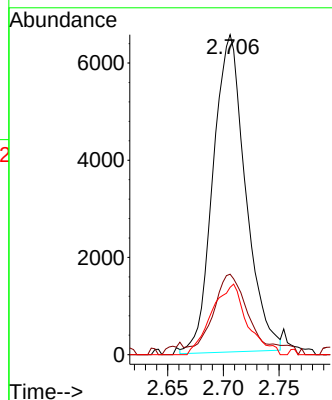
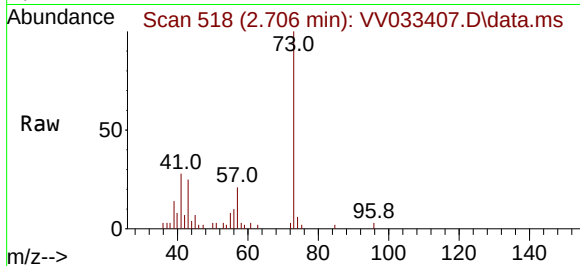




#18
Methyl tert-butyl Ether
Concen: 2.947 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033407.D
Acq: 16 Dec 2023 03:18

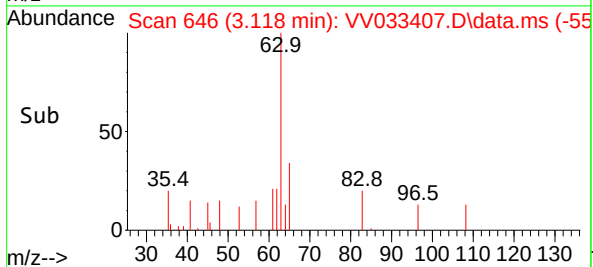
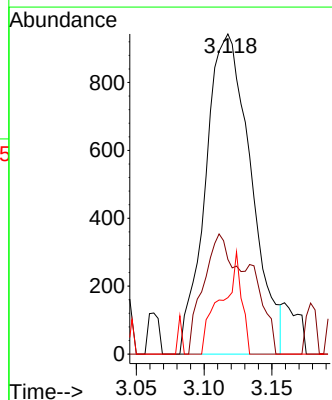
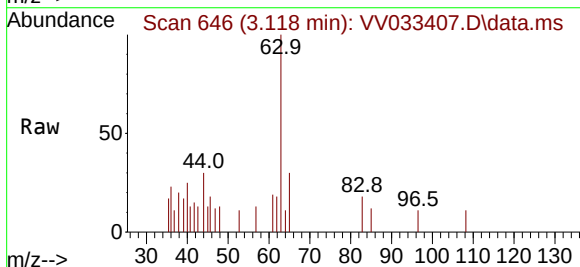
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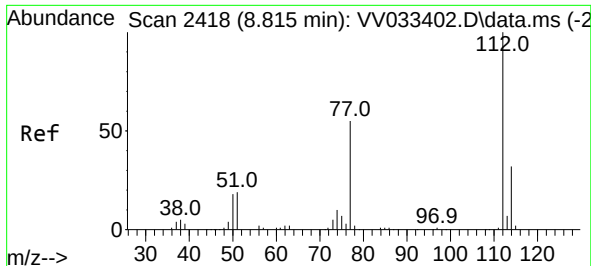
Tgt Ion:	73	Resp:	13246
Ion	Ratio	Lower	Upper
73	100		
43	21.8	16.3	24.5
57	23.8	17.3	25.9



#19
1,1-Dichloroethane
Concen: 0.776 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV033407.D
Acq: 16 Dec 2023 03:18

Tgt Ion:	63	Resp:	2201
Ion	Ratio	Lower	Upper
63	100		
65	29.6	21.1	39.3
83	17.6	9.7	17.9

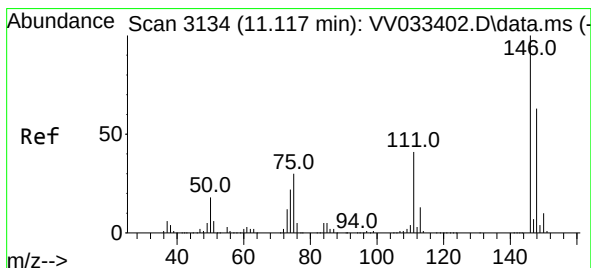
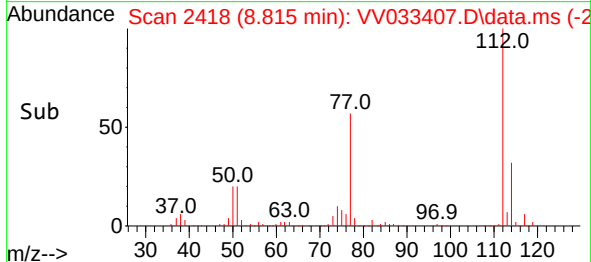
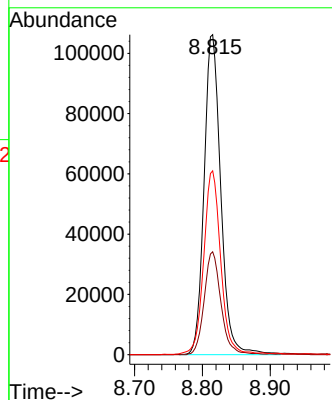
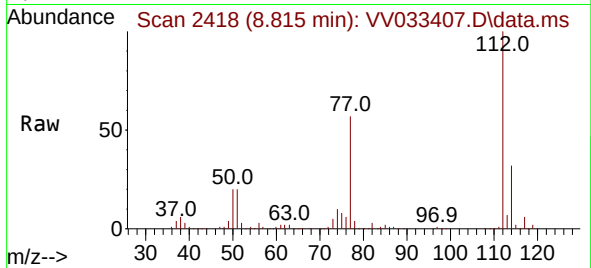




#51
Chlorobenzene
Concen: 38.970 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033407.D
Acq: 16 Dec 2023 03:18

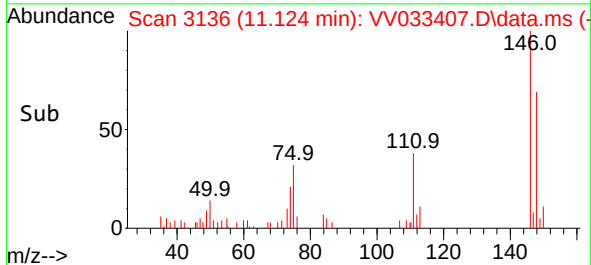
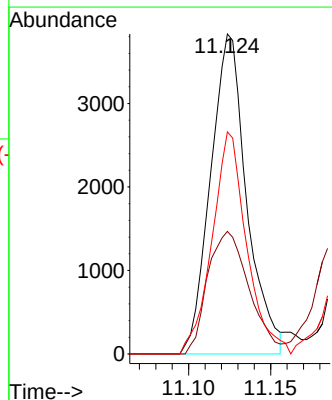
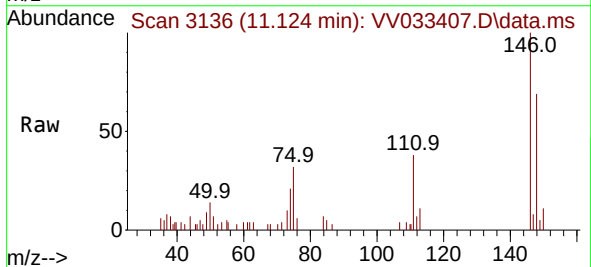
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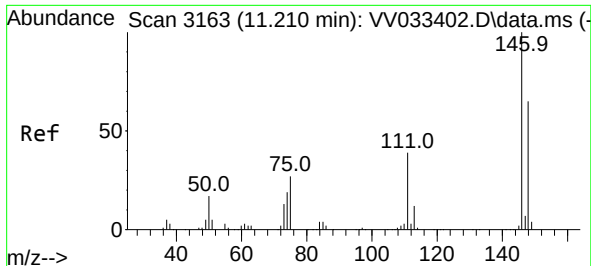
Tgt Ion:112 Resp: 181764
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 57.5 45.2 67.8



#64
1,3-Dichlorobenzene
Concen: 2.001 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033407.D
Acq: 16 Dec 2023 03:18

Tgt Ion:146 Resp: 5859
Ion Ratio Lower Upper
146 100
111 38.3 29.3 54.5
148 69.4 45.4 84.4

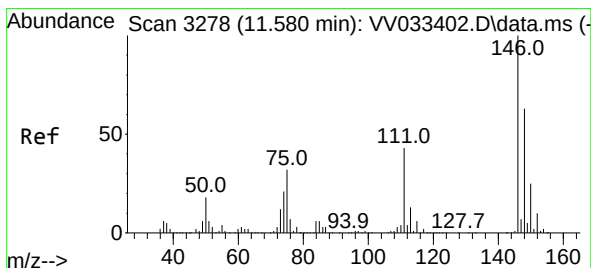
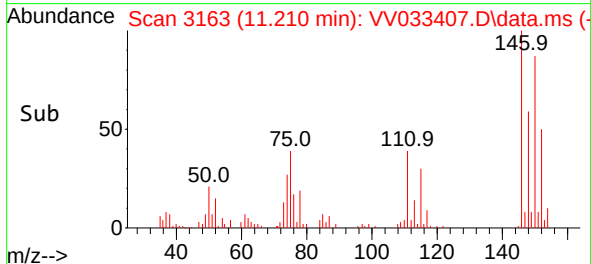
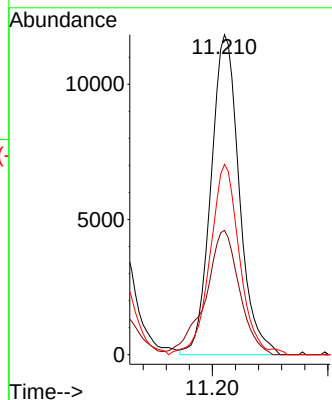
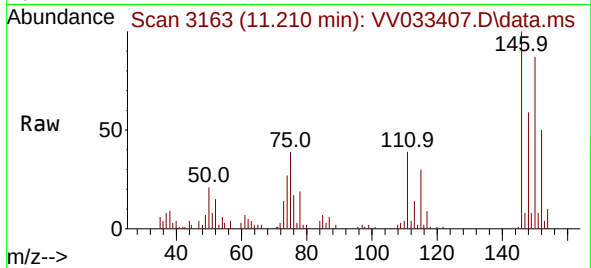




#65
1,4-Dichlorobenzene
Concen: 6.385 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033407.D
Acq: 16 Dec 2023 03:18

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:146 Resp: 20125
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 59.5 45.5 84.5



#67
1,2-Dichlorobenzene
Concen: 1.885 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV033407.D
Acq: 16 Dec 2023 03:18

Tgt Ion:146 Resp: 5745
Ion Ratio Lower Upper
146 100
111 49.5 33.5 50.3
148 75.4 51.1 76.7

