

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050489.D
 Acq On : 29 Aug 2022 17:11
 Operator : SY/MD
 Sample : N4399-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:16:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

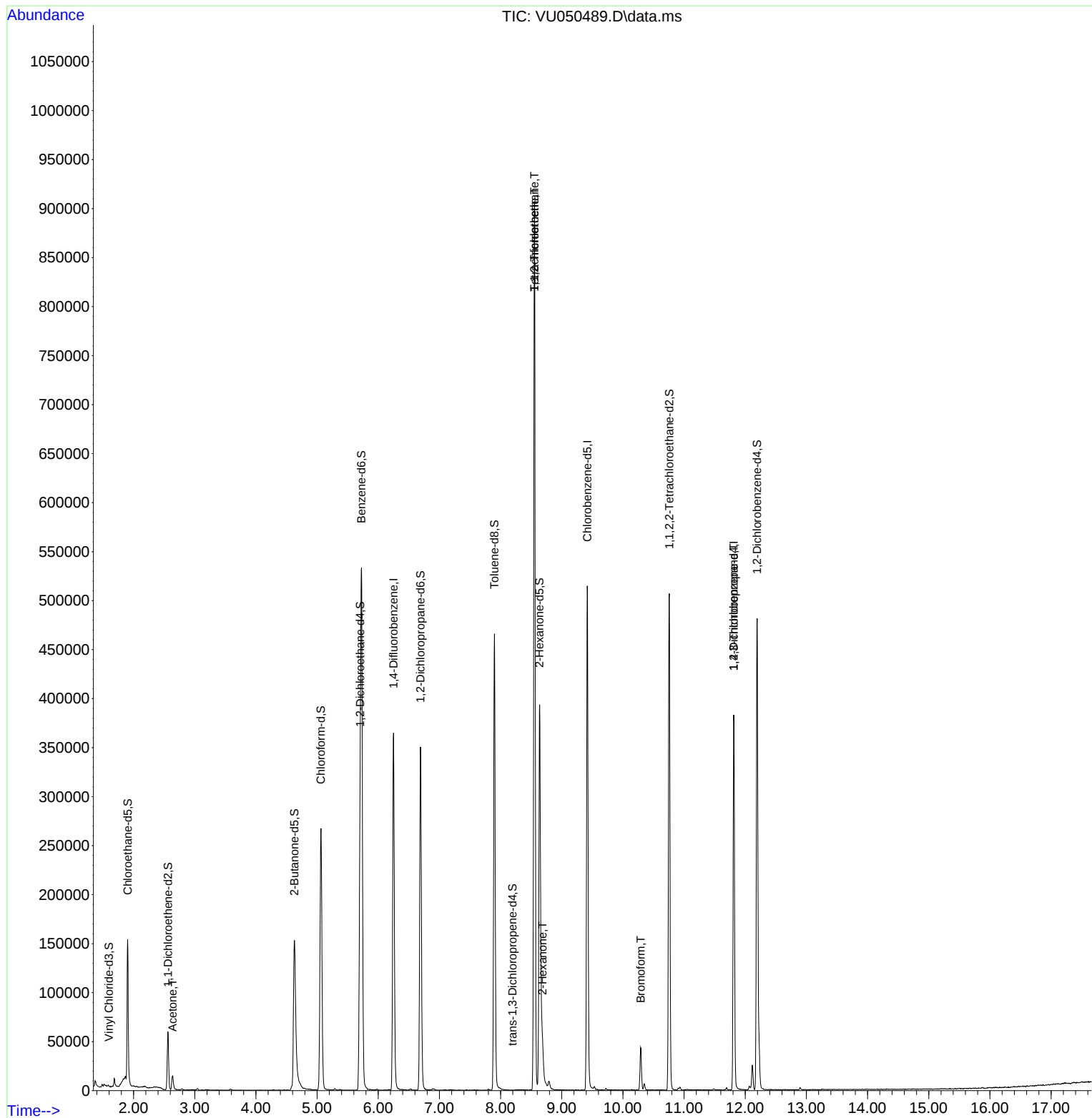
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295136	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	292965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	236	0.068	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.140%#
7) Chloroethane-d5	1.903	69	113069	43.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.580%
11) 1,1-Dichloroethene-d2	2.562	63	34277	6.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	13.900%#
21) 2-Butanone-d5	4.629	46	247735	108.456	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.460%
24) Chloroform-d	5.063	84	252396	45.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
26) 1,2-Dichloroethane-d4	5.703	65	167784	48.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
32) Benzene-d6	5.726	84	494372	45.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
36) 1,2-Dichloropropane-d6	6.690	67	173105	48.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.540%
41) Toluene-d8	7.899	98	317464	33.516	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.040%#
43) trans-1,3-Dichloroprop...	8.192	79	84	0.056	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.120%#
47) 2-Hexanone-d5	8.636	63	125661	94.424	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	261519	47.281	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	12.195	152	129324	52.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.300%
Target Compounds						
					Qvalue	
13) Acetone	2.639	43	17746	11.816	ug/L	98
45) 1,1,2-Trichloroethane	8.552	97	1717	0.677	ug/L #	1
46) Tetrachloroethene	8.552	164	201442	130.632	ug/L	98
48) 2-Hexanone	8.687	43	21185	7.409	ug/L #	75
59) Bromoform	10.291	173	20316	13.667	ug/L	99
60) 1,2,3-Trichloropropane	11.812	75	12555	4.693	ug/L #	68

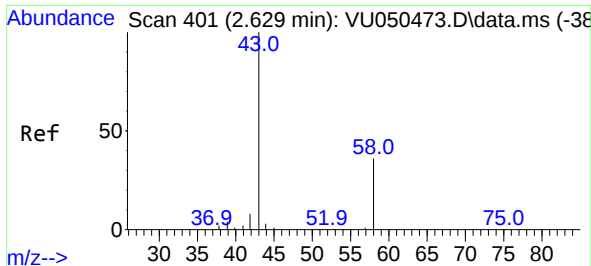
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 30 02:11:49 2022
Response via : Initial Calibration

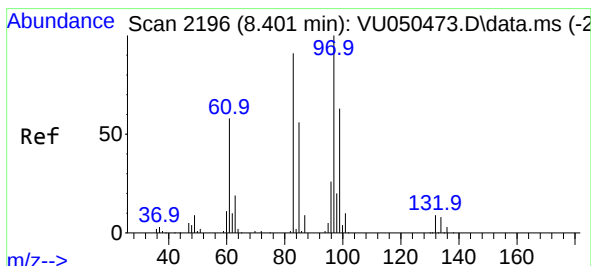
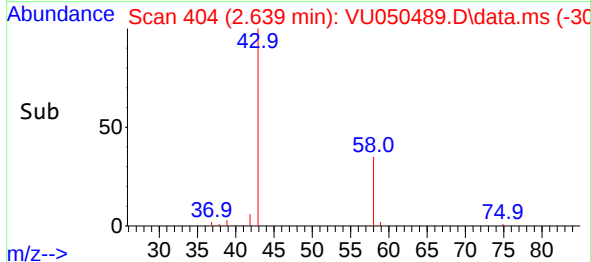
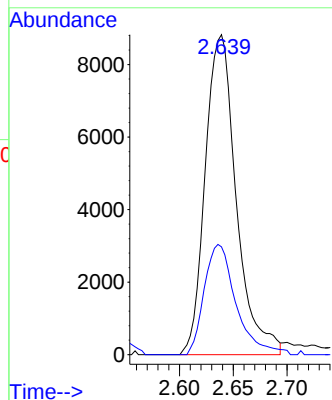
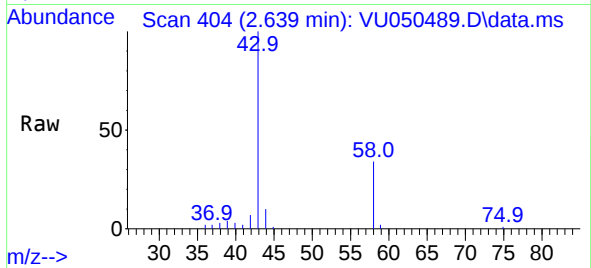




#13
Acetone
Concen: 11.816 ug/L
RT: 2.639 min Scan# 401
Delta R.T. 0.010 min
Lab File: VU050489.D
Acq: 29 Aug 2022 17:11

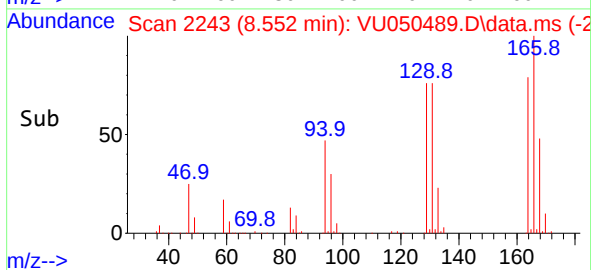
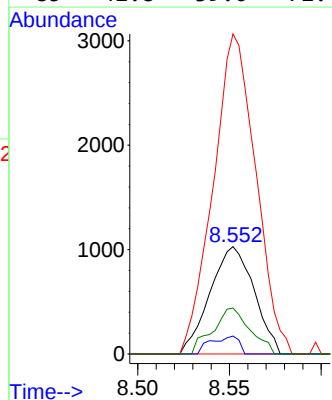
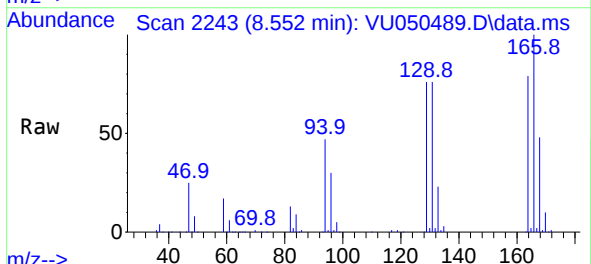
Instrument :
MSVOA_U
ClientSampleId :

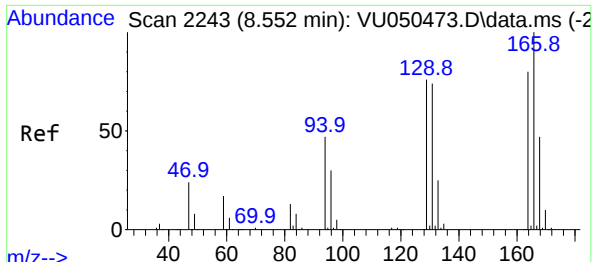
Tgt Ion: 43 Resp: 17746
Ion Ratio Lower Upper
43 100
58 35.2 0.0 72.2



#45
1,1,2-Trichloroethane
Concen: 0.677 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.151 min
Lab File: VU050489.D
Acq: 29 Aug 2022 17:11

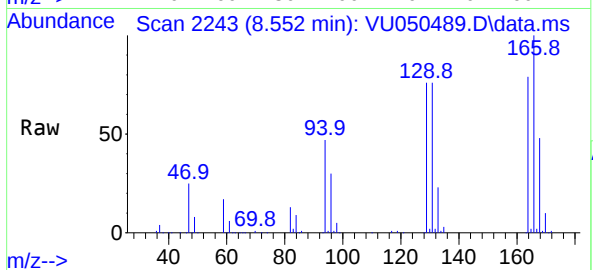
Tgt Ion: 97 Resp: 1717
Ion Ratio Lower Upper
97 100
99 16.7 43.3 80.3#
83 298.0 60.3 112.1#
85 42.8 39.0 72.4





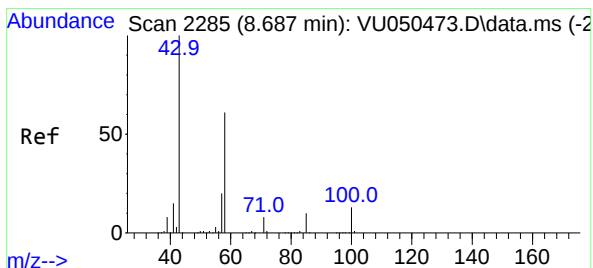
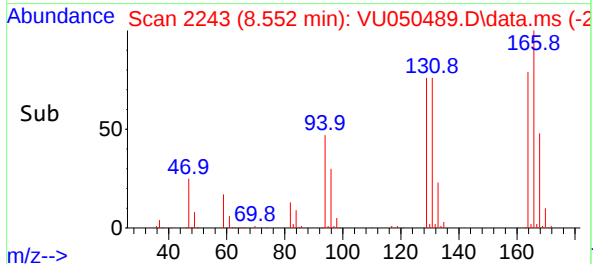
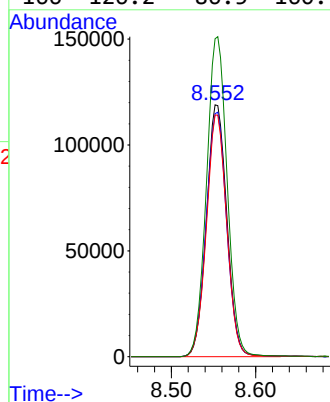
#46
Tetrachloroethene
Concen: 130.632 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050489.D
Acq: 29 Aug 2022 17:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 201442

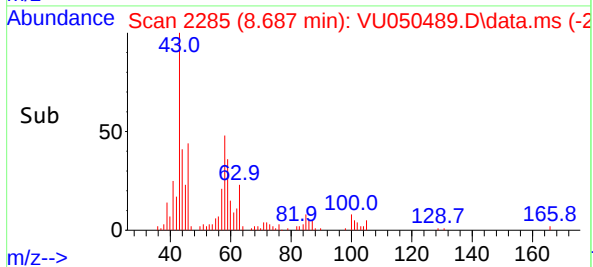
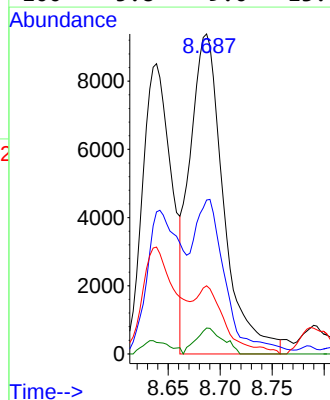
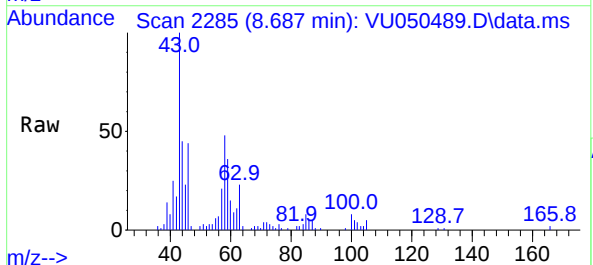
Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.0	126.4
131	96.0	65.4	121.4
166	126.2	86.5	160.7

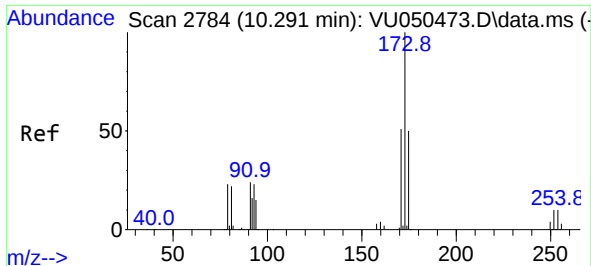


#48
2-Hexanone
Concen: 7.409 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050489.D
Acq: 29 Aug 2022 17:11

Tgt Ion: 43 Resp: 21185

Ion	Ratio	Lower	Upper
43	100		
58	43.7	47.9	71.9#
57	0.0	15.4	23.0#
100	5.8	9.0	13.6#

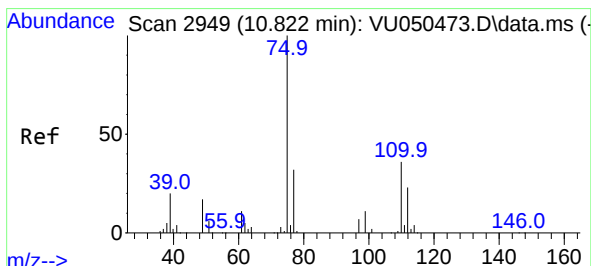
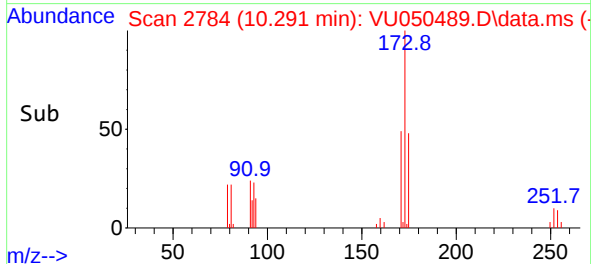
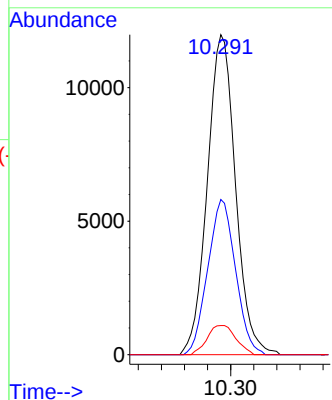
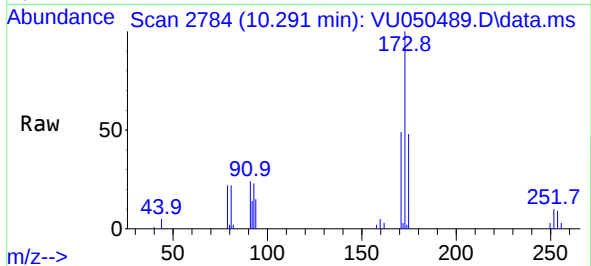




#59
Bromoform
Concen: 13.667 ug/L
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050489.D
Acq: 29 Aug 2022 17:11

Instrument :
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Tgt Ion:	173	Resp:	20316
Ion Ratio	Lower	Upper	
173	100		
175	47.6	38.4	57.6
254	9.3	7.1	10.7



#60
1,2,3-Trichloropropane
Concen: 4.693 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050489.D
Acq: 29 Aug 2022 17:11

Tgt Ion:	75	Resp:	12555
Ion Ratio	Lower	Upper	
75	100		
77	31.6	25.7	38.5
110	1.6	29.0	43.4#

