

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056358.D
 Acq On : 15 Nov 2023 16:26
 Operator : MD/SY
 Sample : 05340-12DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL7DL

Quant Time: Nov 16 04:40:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

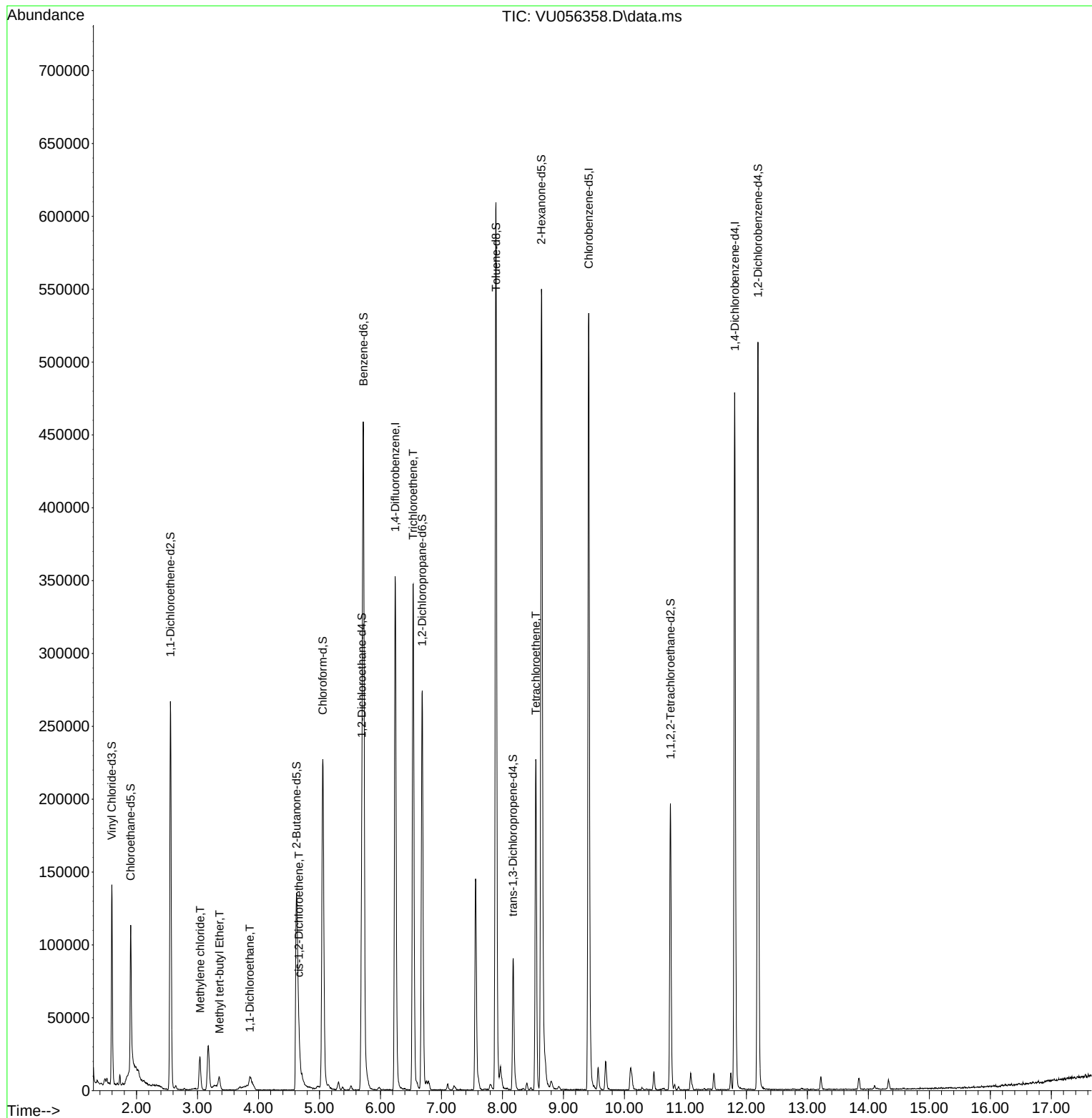
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	284968	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	303312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	105127	4.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.904	69	76148	4.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.557	65	50664	5.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.624	46	235825	55.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	5.055	84	219363	5.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.695	65	110196	5.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.721	84	442136	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.685	67	136273	5.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	421545	5.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.174	79	54073	5.177	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.640	63	220211	53.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	98465	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	133790	5.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	11343	0.491	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	7485	0.177	ug/L	95
19) 1,1-Dichloroethane	3.859	63	6471	0.182	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	2436	0.120	ug/L	91
34) Trichloroethene	6.537	95	127529	5.408	ug/L	98
47) Tetrachloroethene	8.547	164	49953	3.142	ug/L	95

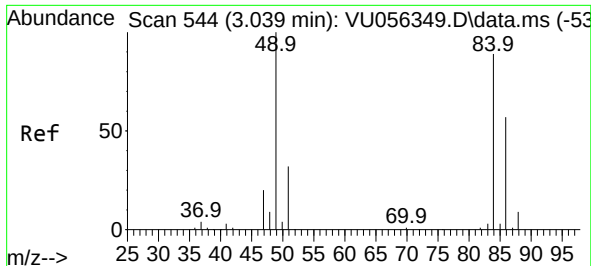
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
GC DL7DL

Quant Time: Nov 16 04:40:00 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 16 04:37:29 2023
Response via : Initial Calibration

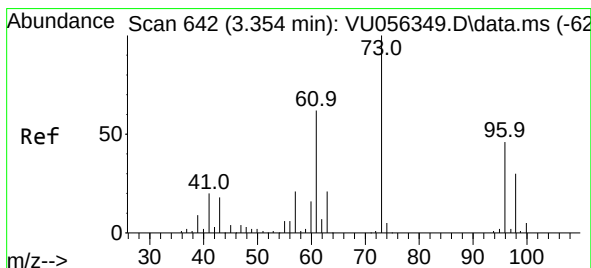
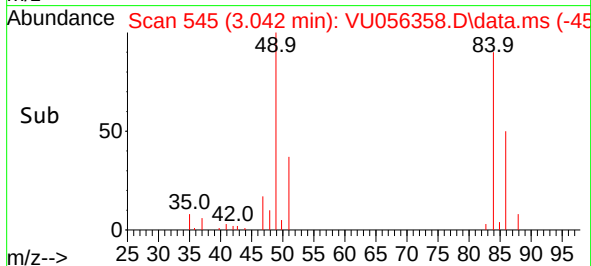
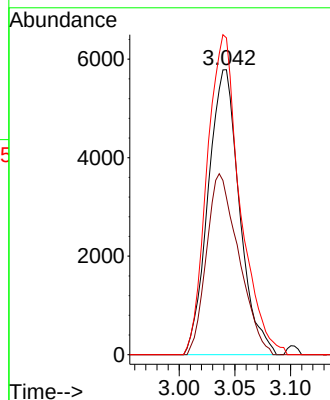
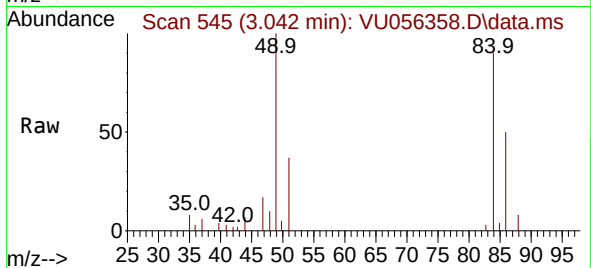




#16
Methylene chloride
Concen: 0.491 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056358.D
Acq: 15 Nov 2023 16:26

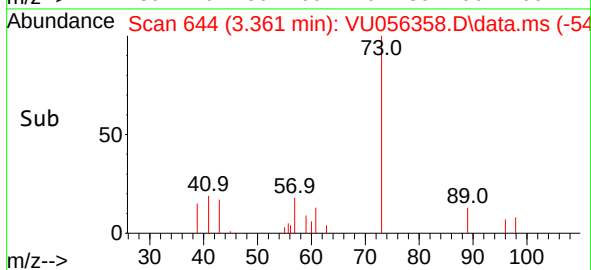
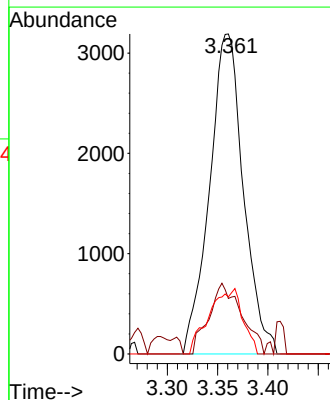
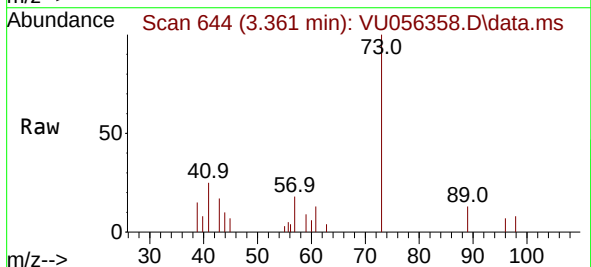
Instrument :
MSVOA_U
ClientSampleId :
GCDL7DL

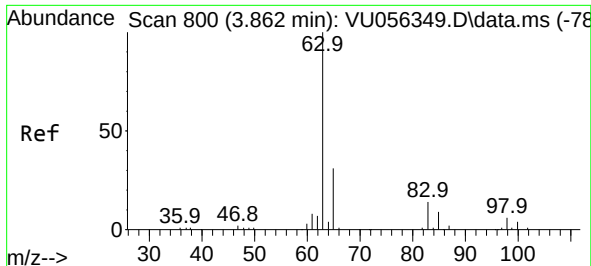
Tgt Ion: 84 Resp: 11343
Ion Ratio Lower Upper
84 100
86 55.2 44.7 83.1
49 117.1 81.8 152.0



#17
Methyl tert-butyl Ether
Concen: 0.177 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.007 min
Lab File: VU056358.D
Acq: 15 Nov 2023 16:26

Tgt Ion: 73 Resp: 7485
Ion Ratio Lower Upper
73 100
43 21.4 15.1 22.7
57 20.2 17.8 26.8





#19

1,1-Dichloroethane

Concen: 0.182 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU056358.D

Acq: 15 Nov 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

GCDL7DL

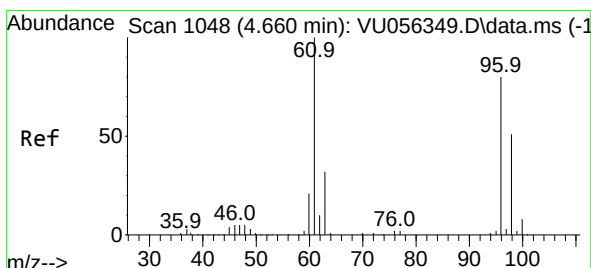
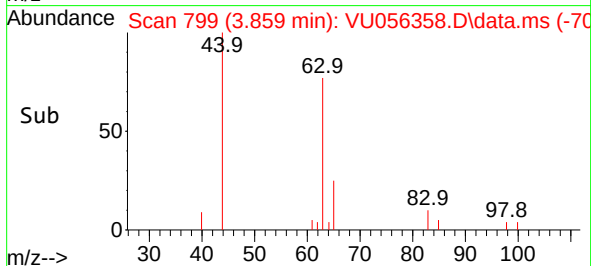
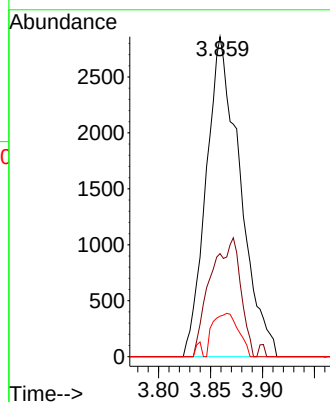
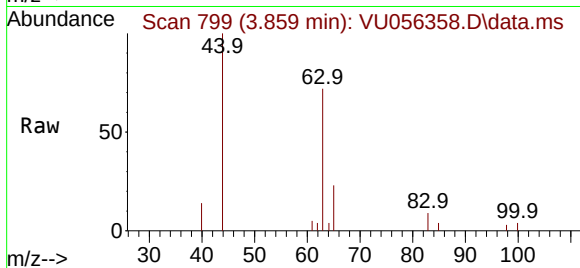
Tgt Ion: 63 Resp: 6471

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 12.6 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 0.120 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056358.D

Acq: 15 Nov 2023 16:26

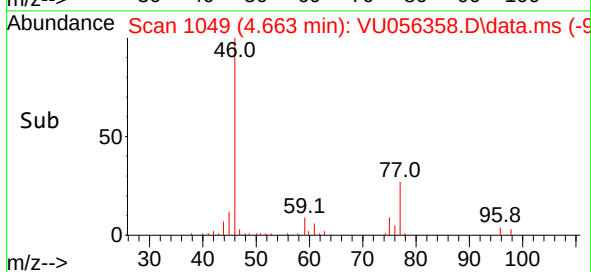
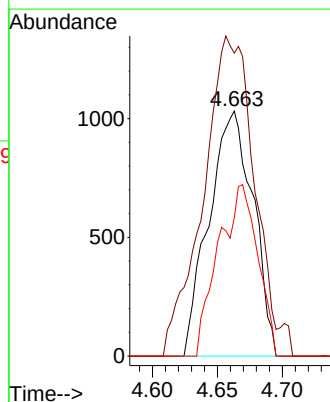
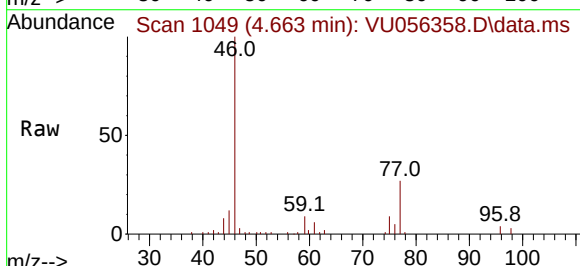
Tgt Ion: 96 Resp: 2436

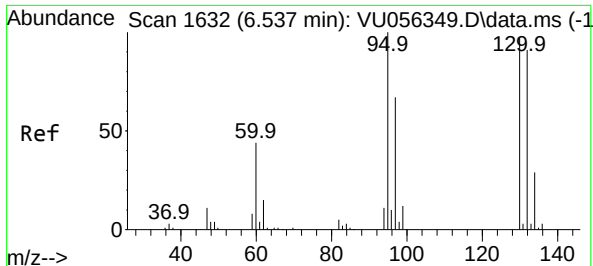
Ion Ratio Lower Upper

96 100

61 123.6 93.2 173.2

98 56.3 44.8 83.2





#34

Trichloroethene

Concen: 5.408 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056358.D

Acq: 15 Nov 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

GCDL7DL

Tgt Ion: 95 Resp: 127529

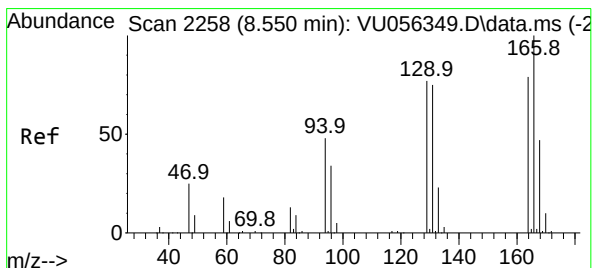
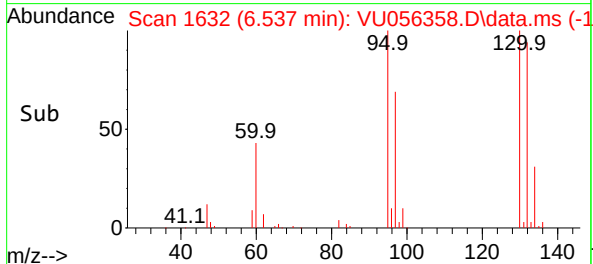
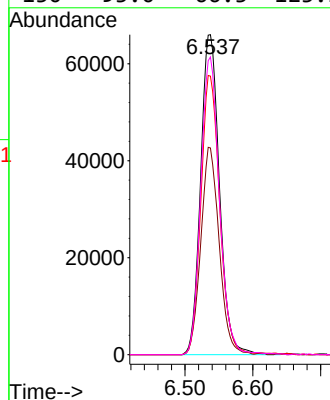
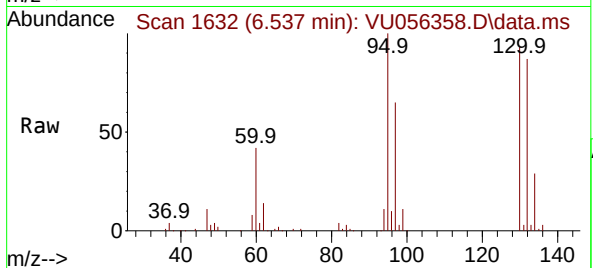
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.3

132 87.0 62.0 115.2

130 93.0 66.3 123.1



#47

Tetrachloroethene

Concen: 3.142 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056358.D

Acq: 15 Nov 2023 16:26

Tgt Ion: 164 Resp: 49953

Ion Ratio Lower Upper

164 100

129 98.7 71.0 131.9

131 95.2 70.3 130.7

166 122.1 89.8 166.8

