

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055836.D
 Acq On : 20 Oct 2023 16:39
 Operator : MD/SY
 Sample : 04947-12 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:08:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

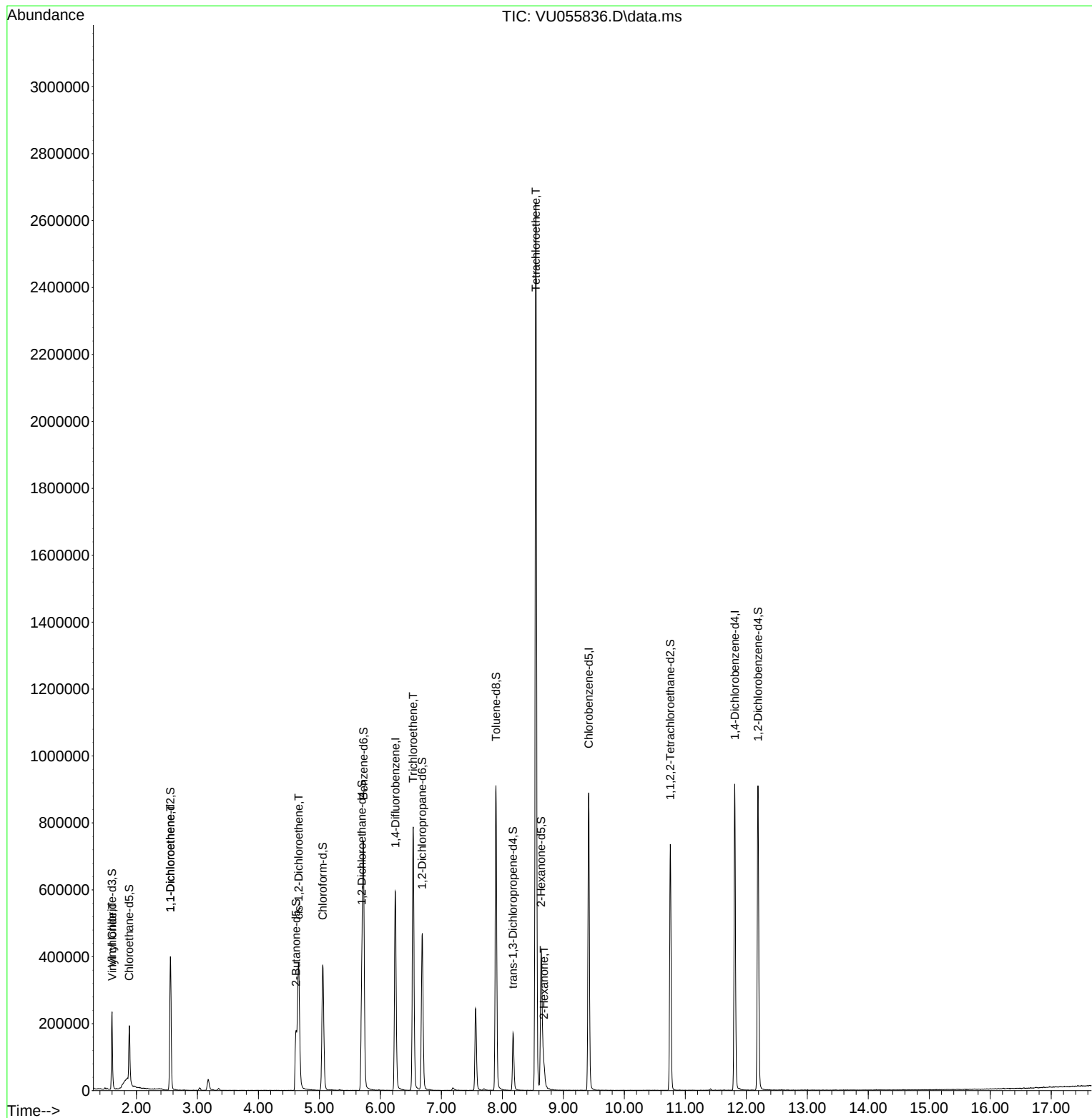
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	488295	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	493798	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	240940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	162823	37.176	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.360%		
7) Chloroethane-d5	1.882	69	145664	40.687	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.380%		
11) 1,1-Dichloroethene-d2	2.557	63	239788	30.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.400%		
21) 2-Butanone-d5	4.615	46	273552	84.290	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.290%		
24) Chloroform-d	5.055	84	358829	42.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.480%		
26) 1,2-Dichloroethane-d4	5.695	65	235800	45.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.260%		
32) Benzene-d6	5.721	84	705762	44.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.340%		
36) 1,2-Dichloropropane-d6	6.685	67	225047	44.994	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.980%		
41) Toluene-d8	7.894	98	612806	42.955	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.900%		
43) trans-1,3-Dichloroprop...	8.174	79	101025	42.047	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.100%		
47) 2-Hexanone-d5	8.634	63	141395	71.909	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.910%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	366943	47.662	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.320%		
66) 1,2-Dichlorobenzene-d4	12.190	152	242930	50.808	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.620%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	11056	2.611	ug/L #	80
12) 1,1-Dichloroethene	2.557	96	1838	0.531	ug/L #	1
20) cis-1,2-Dichloroethene	4.660	96	189570	46.923	ug/L	99
34) Trichloroethene	6.538	95	274300	64.224	ug/L	98
46) Tetrachloroethene	8.547	164	572058	187.075	ug/L	97
48) 2-Hexanone	8.682	43	29101	5.762	ug/L #	38

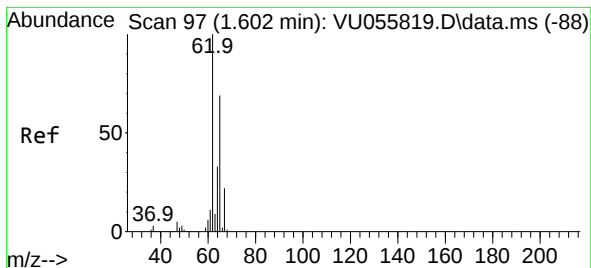
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.611 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU055836.D

Acq: 20 Oct 2023 16:39

Instrument :

MSVOA_U

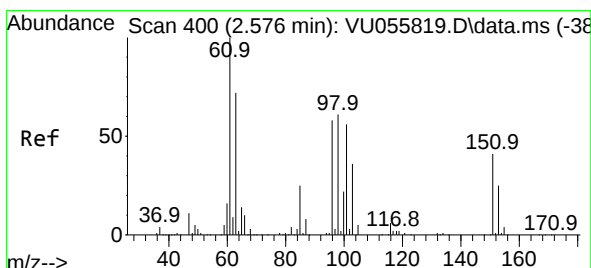
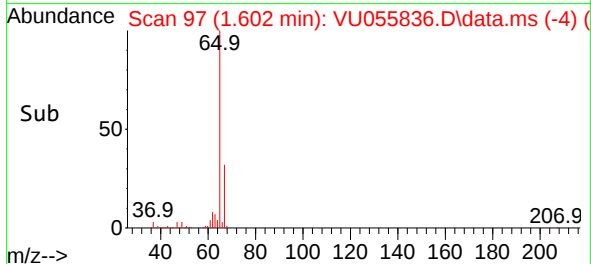
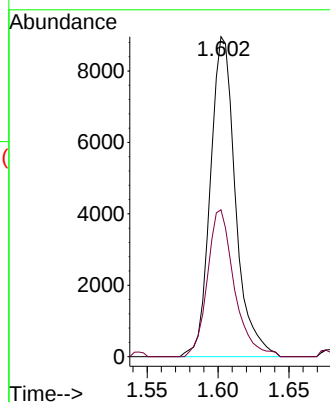
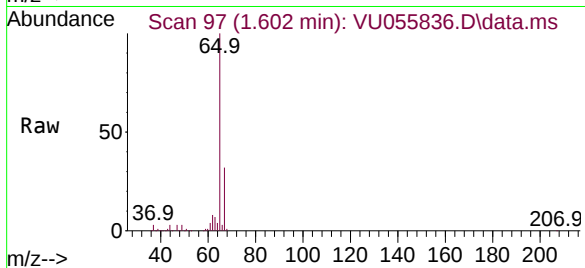
ClientSampleId :

Tgt Ion: 62 Resp: 11056

Ion Ratio Lower Upper

62 100

64 45.9 23.9 44.5#



#12

1,1-Dichloroethene

Concen: 0.531 ug/L

RT: 2.557 min Scan# 394

Delta R.T. -0.019 min

Lab File: VU055836.D

Acq: 20 Oct 2023 16:39

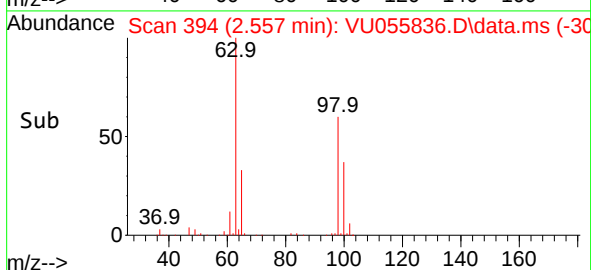
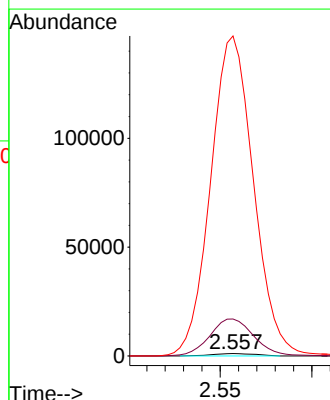
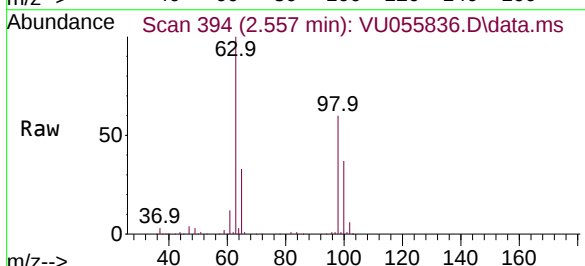
Tgt Ion: 96 Resp: 1838

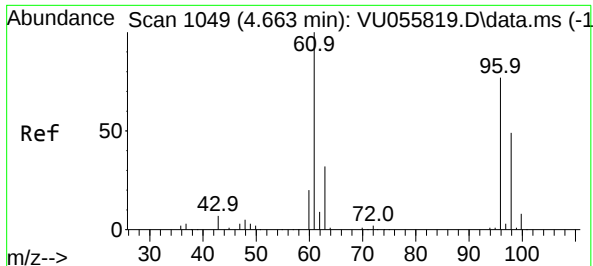
Ion Ratio Lower Upper

96 100

61 1523.2 122.0 226.6#

63 13184.6 93.7 174.1#





#20

cis-1,2-Dichloroethene

Concen: 46.923 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU055836.D

Acq: 20 Oct 2023 16:39

Instrument :

MSVOA_U

ClientSampleId :

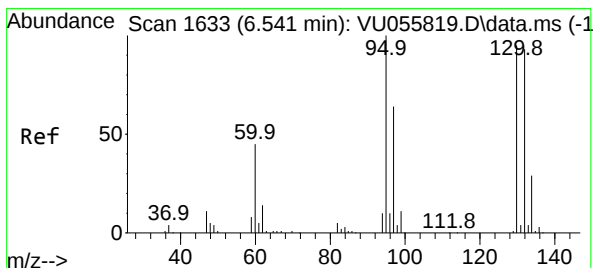
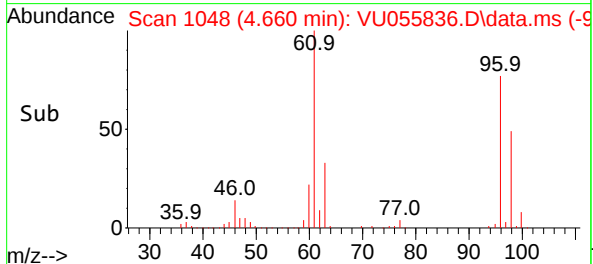
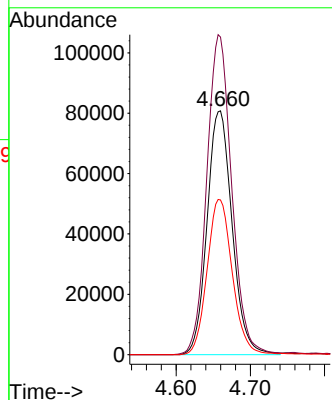
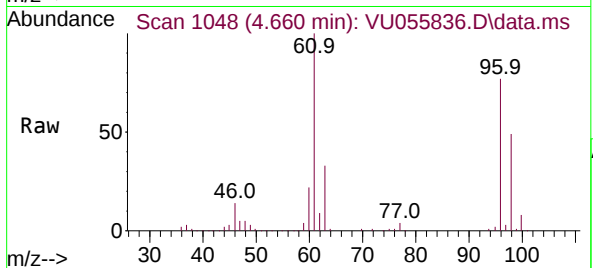
Tgt Ion: 96 Resp: 189570

Ion Ratio Lower Upper

96 100

61 130.3 92.3 171.5

98 63.4 43.9 81.5



#34

Trichloroethene

Concen: 64.224 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. -0.003 min

Lab File: VU055836.D

Acq: 20 Oct 2023 16:39

Tgt Ion: 95 Resp: 274300

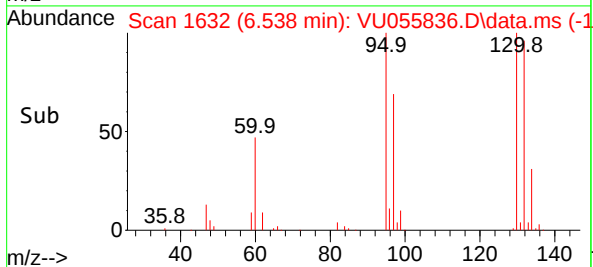
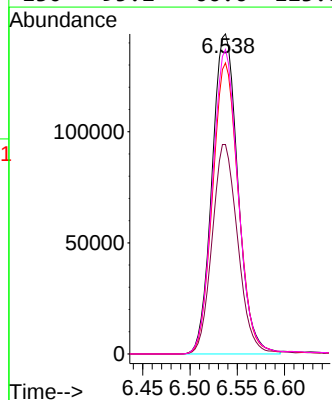
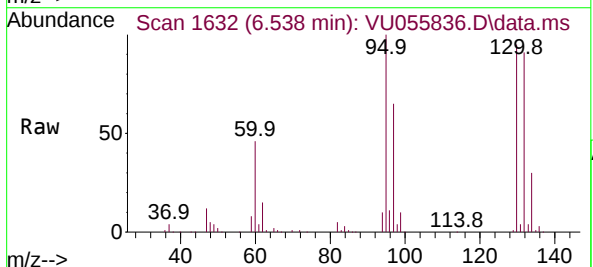
Ion Ratio Lower Upper

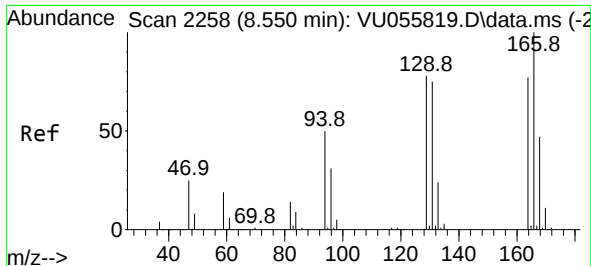
95 100

97 65.5 44.4 82.5

132 90.9 61.8 114.8

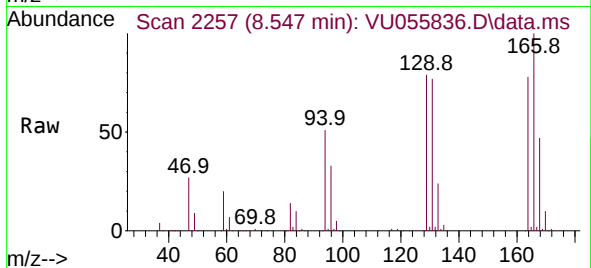
130 95.2 66.6 123.8



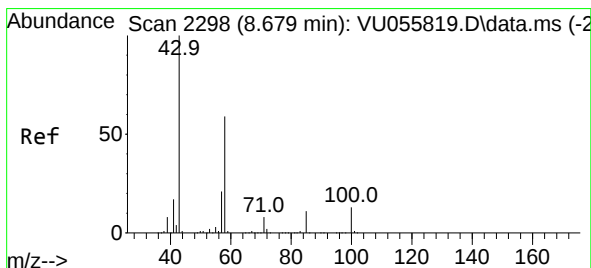
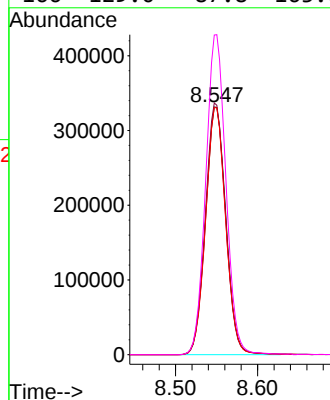
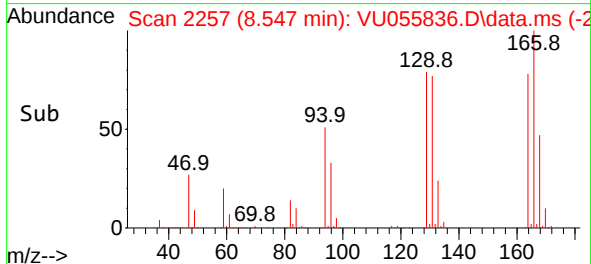


#46
Tetrachloroethene
Concen: 187.075 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055836.D
Acq: 20 Oct 2023 16:39

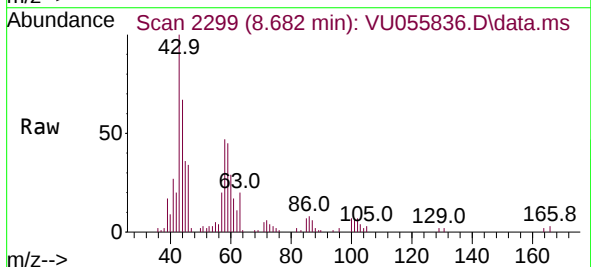
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 572058
Ion Ratio Lower Upper
164 100
129 101.6 70.7 131.3
131 99.7 65.9 122.5
166 129.0 87.8 163.0



#48
2-Hexanone
Concen: 5.762 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055836.D
Acq: 20 Oct 2023 16:39



Tgt Ion: 43 Resp: 29101
Ion Ratio Lower Upper
43 100
58 0.0 45.2 67.8#
57 0.0 16.1 24.1#
100 2.1 9.7 14.5#

