

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055826.D
 Acq On : 20 Oct 2023 12:36
 Operator : MD/SY
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:06:26 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)

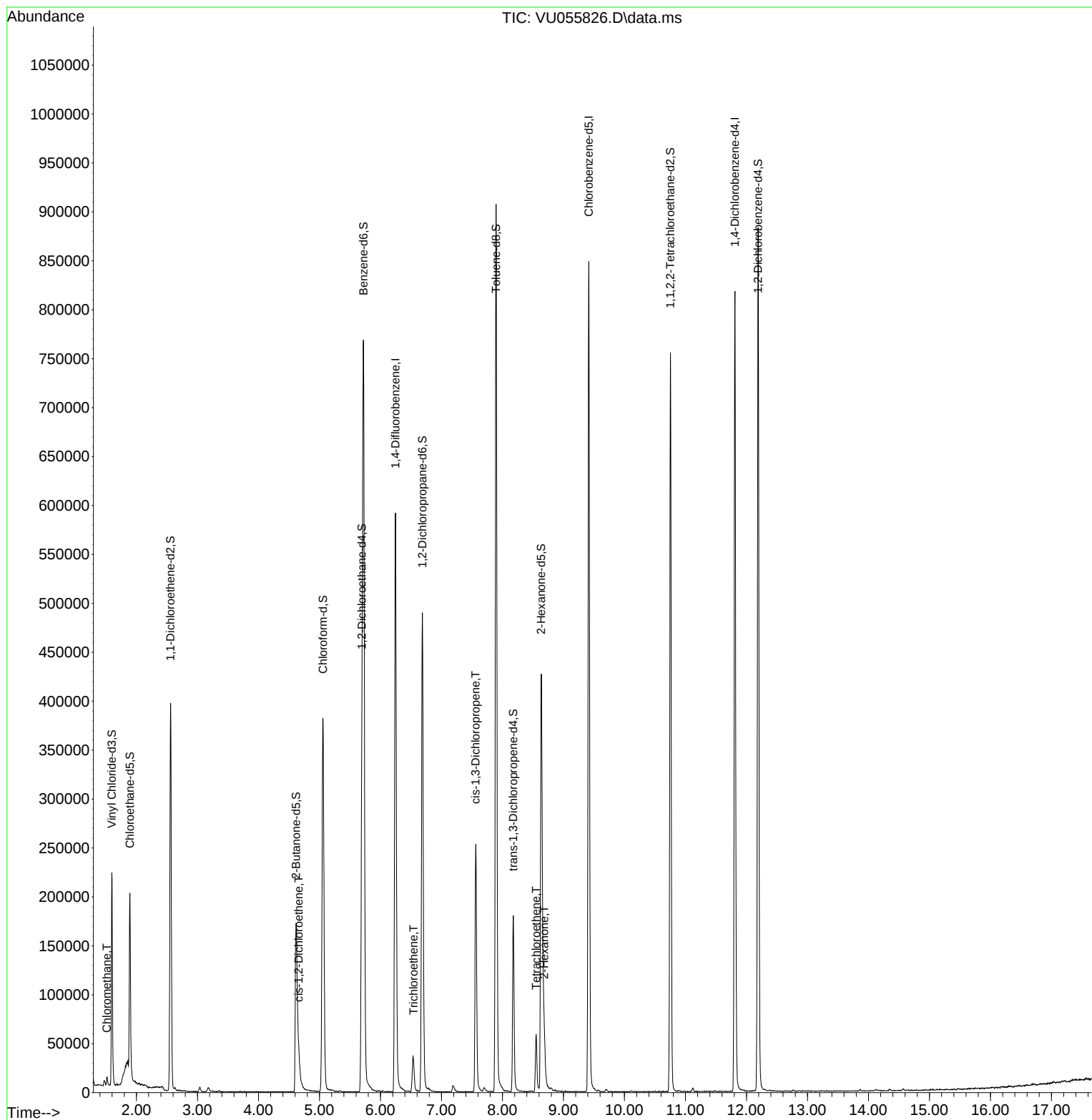
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	474383	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	468173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	215666	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	166084	39.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.060%
7) Chloroethane-d5	1.891	69	149782	43.064	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.120%
11) 1,1-Dichloroethene-d2	2.557	63	237254	31.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.540%
21) 2-Butanone-d5	4.615	46	274104	86.937	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.940%
24) Chloroform-d	5.055	84	367086	45.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	246592	49.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.220%
32) Benzene-d6	5.721	84	720999	48.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
36) 1,2-Dichloropropane-d6	6.685	67	233494	49.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	7.894	98	620227	45.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.700%
43) trans-1,3-Dichloroprop...	8.177	79	105029	46.106	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.634	63	138741	74.421	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	373284	51.139	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	12.190	152	233267	54.505	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	6320	1.691	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	6826	1.739	ug/L	89
34) Trichloroethene	6.541	95	8120	2.005	ug/L	94
39) cis-1,3-Dichloropropene	7.560	75	6907	1.114	ug/L #	14
46) Tetrachloroethene	8.550	164	13296	4.586	ug/L	96
48) 2-Hexanone	8.685	43	28585	5.969	ug/L #	38

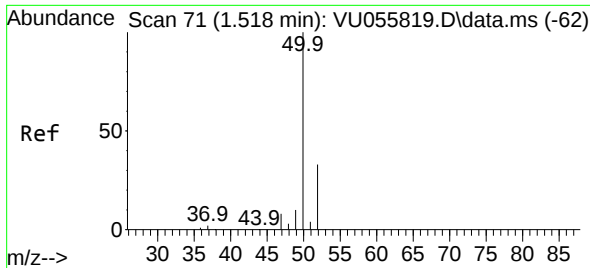
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
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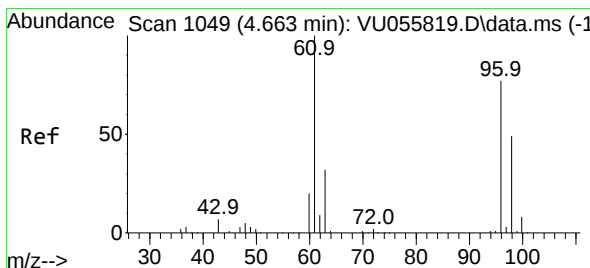
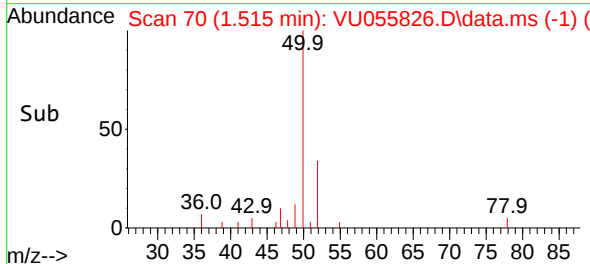
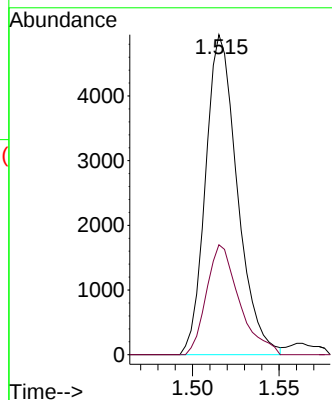
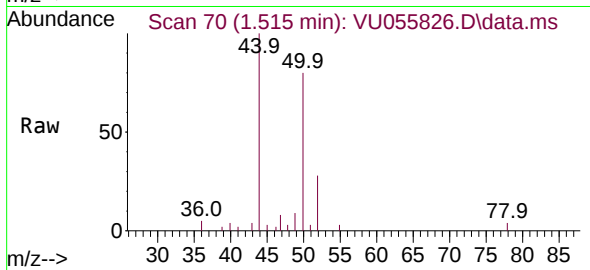




#3
Chloromethane
Concen: 1.691 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055826.D
Acq: 20 Oct 2023 12:36

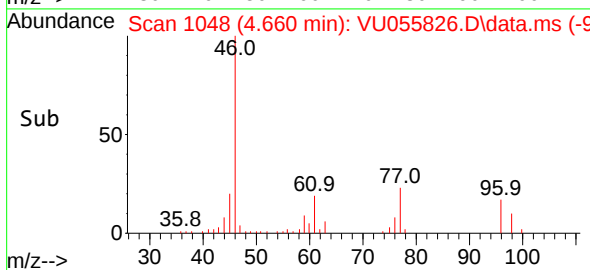
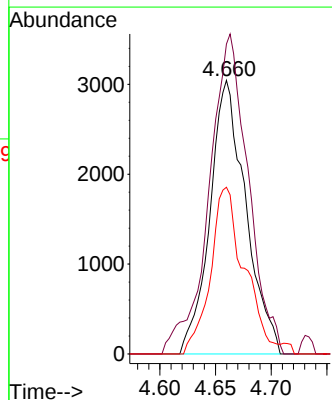
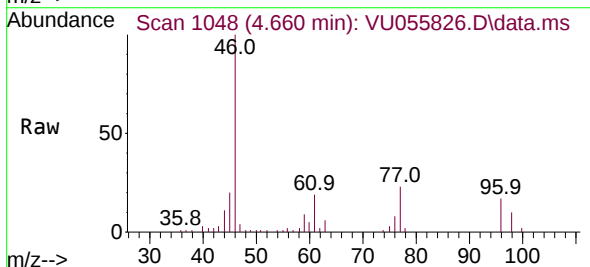
Instrument :
MSVOA_U
ClientSampleId :

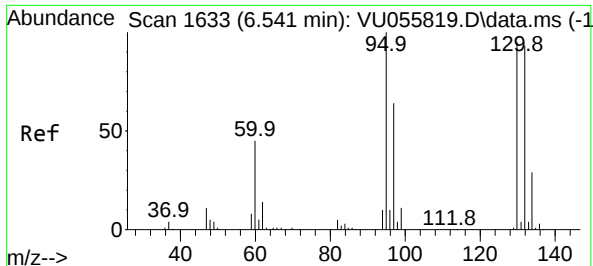
Tgt Ion: 50 Resp: 6320
Ion Ratio Lower Upper
50 100
52 34.4 22.8 42.4



#20
cis-1,2-Dichloroethene
Concen: 1.739 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055826.D
Acq: 20 Oct 2023 12:36

Tgt Ion: 96 Resp: 6826
Ion Ratio Lower Upper
96 100
61 113.3 92.3 171.5
98 60.9 43.9 81.5

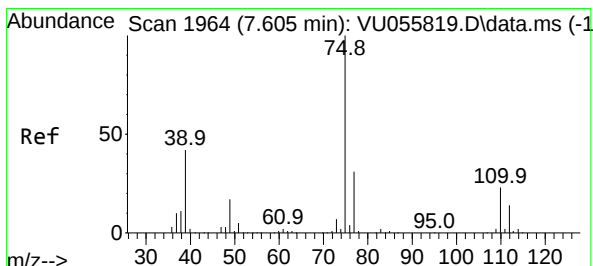
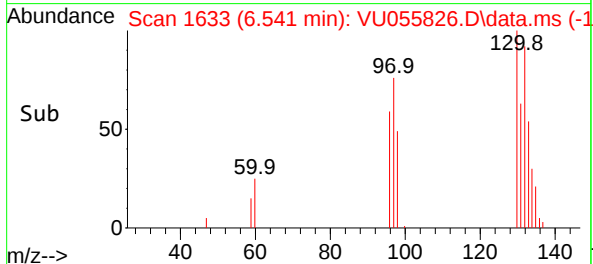
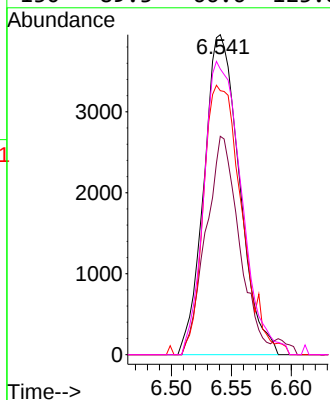
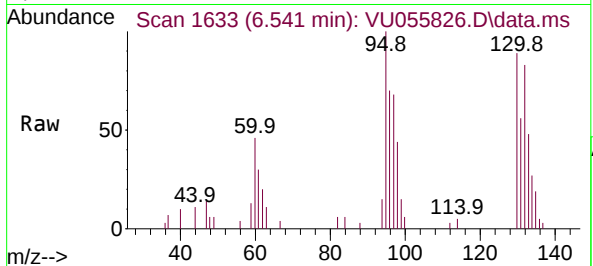




#34
Trichloroethene
Concen: 2.005 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055826.D
Acq: 20 Oct 2023 12:36

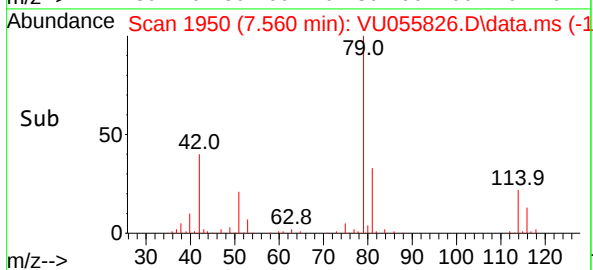
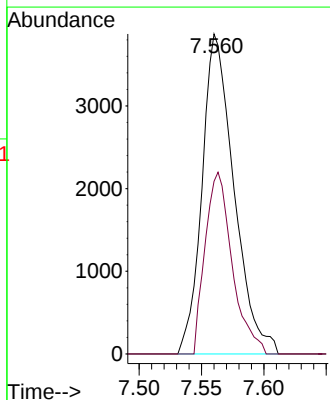
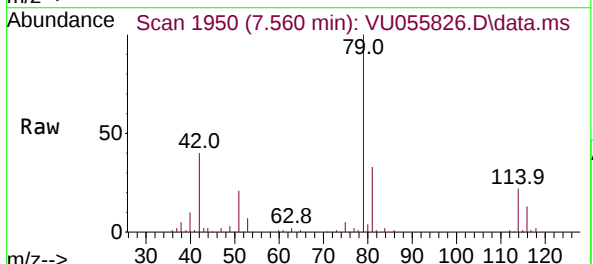
Instrument :
MSVOA_U
ClientSampleId :

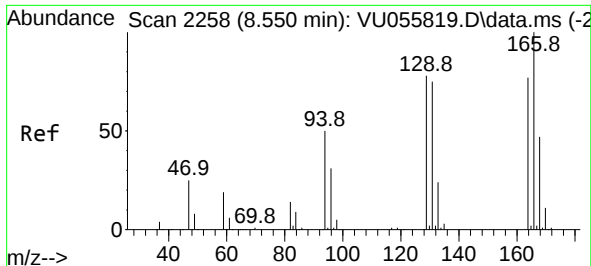
Tgt Ion: 95 Resp: 8120
Ion Ratio Lower Upper
95 100
97 68.3 44.4 82.5
132 82.5 61.8 114.8
130 89.3 66.6 123.8



#39
cis-1,3-Dichloropropene
Concen: 1.114 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU055826.D
Acq: 20 Oct 2023 12:36

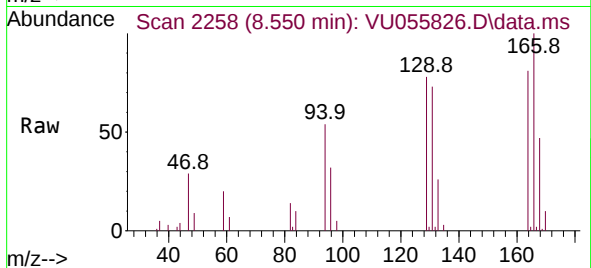
Tgt Ion: 75 Resp: 6907
Ion Ratio Lower Upper
75 100
77 78.3 21.7 40.3#





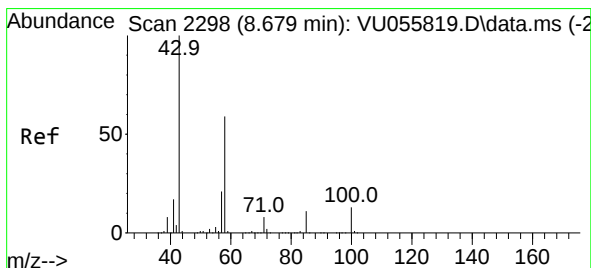
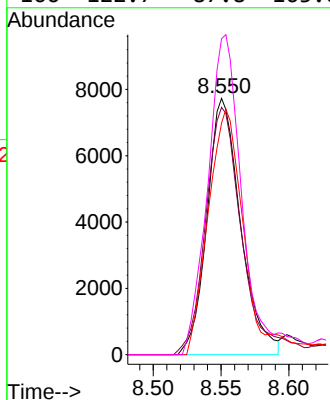
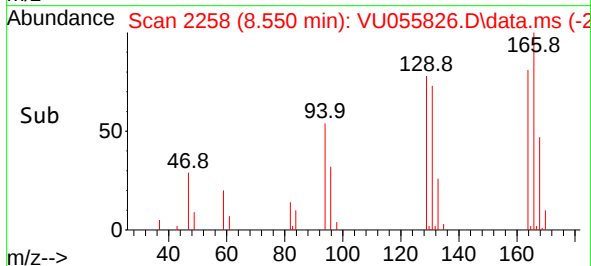
#46
Tetrachloroethene
Concen: 4.586 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055826.D
Acq: 20 Oct 2023 12:36

Instrument :
MSVOA_U
ClientSampleId :

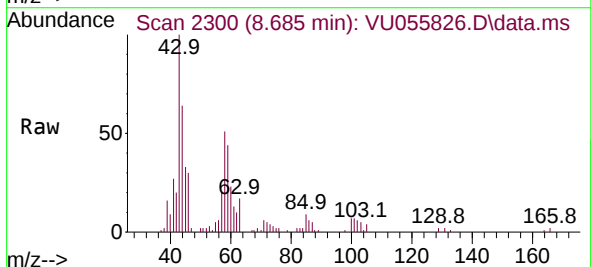


Tgt Ion:164 Resp: 13296

Ion	Ratio	Lower	Upper
164	100		
129	96.7	70.7	131.3
131	88.4	65.9	122.5
166	122.7	87.8	163.0



#48
2-Hexanone
Concen: 5.969 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.007 min
Lab File: VU055826.D
Acq: 20 Oct 2023 12:36



Tgt Ion: 43 Resp: 28585

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.2	67.8#
57	0.0	16.1	24.1#
100	4.1	9.7	14.5#

