

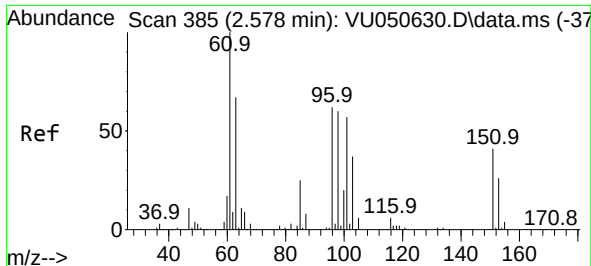
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050667.D
 Acq On : 07 Sep 2022 17:50
 Operator : SY/MD
 Sample : N4372-01DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY183DL

Quant Time: Sep 08 05:44:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317228	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311928	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119196	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101381	37.365	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	74.720%	
7) Chloroethane-d5	1.906	69	78597	42.836	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.680%	
11) 1,1-Dichloroethene-d2	2.565	63	154825	32.290	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.580%	
21) 2-Butanone-d5	4.620	46	155696	78.432	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	78.430%	
24) Chloroform-d	5.063	84	230065	44.739	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.480%	
26) 1,2-Dichloroethane-d4	5.700	65	148499	47.256	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.520%	
32) Benzene-d6	5.726	84	456551	44.290	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.580%	
36) 1,2-Dichloropropane-d6	6.690	67	147471	43.574	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.140%	
41) Toluene-d8	7.899	98	382563	43.398	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.179	79	62304	44.493	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.980%	
47) 2-Hexanone-d5	8.632	63	56192	66.007	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	66.010%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	221800	43.307	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.620%	
66) 1,2-Dichlorobenzene-d4	12.192	152	130508	46.772	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.540%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1251	0.505	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1622	0.673	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	1750	0.685	ug/L	82
19) 1,1-Dichloroethane	3.871	63	13141	2.667	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	8961	3.109	ug/L	82
30) 1,1,1-Trichloroethane	5.321	97	2788	0.664	ug/L #	88
34) Trichloroethene	6.543	95	208135	78.687	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	2783	0.731	ug/L #	79
48) 2-Hexanone	8.681	43	51406	13.480	ug/L #	88

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.505 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050667.D

Acq: 07 Sep 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

EY183DL

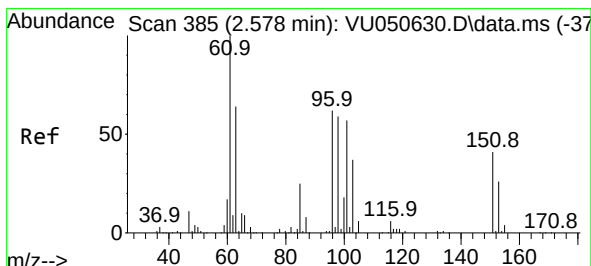
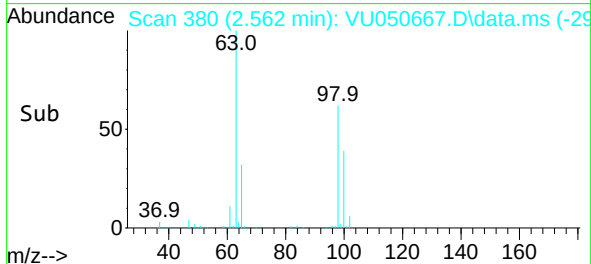
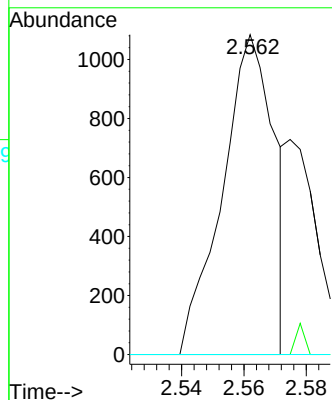
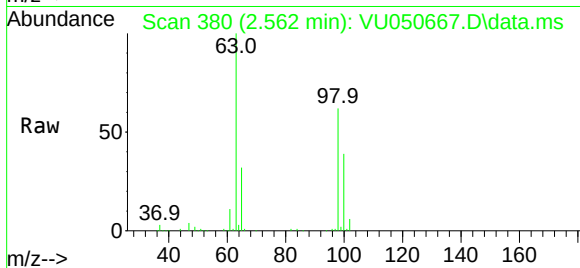
Tgt Ion:101 Resp: 1251

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 0.0 57.7 86.5#



#12

1,1-Dichloroethene

Concen: 0.673 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050667.D

Acq: 07 Sep 2022 17:50

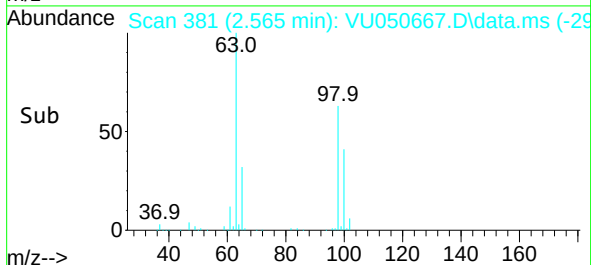
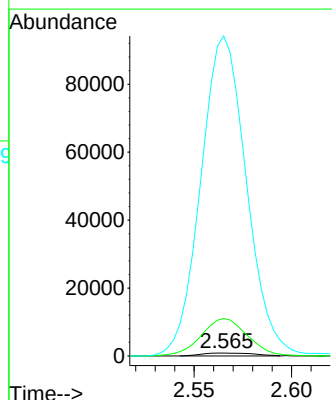
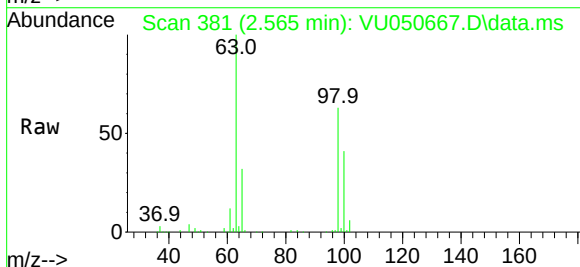
Tgt Ion: 96 Resp: 1622

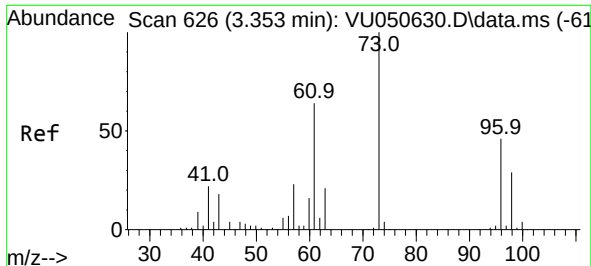
Ion Ratio Lower Upper

96 100

61 1318.9 118.0 219.1#

63 11256.4 79.5 147.7#

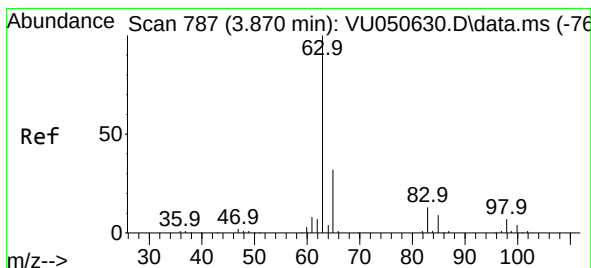
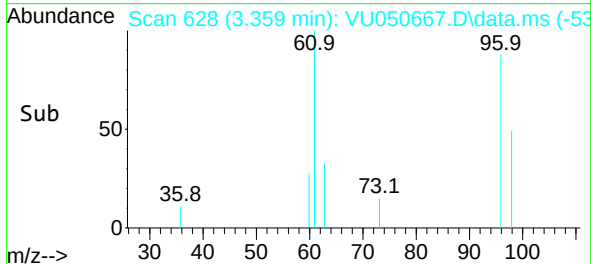
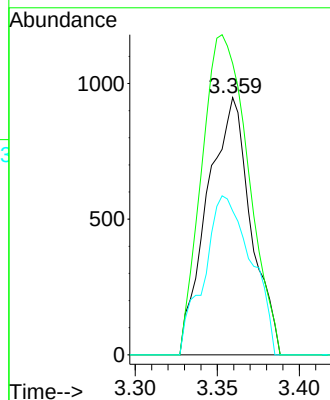
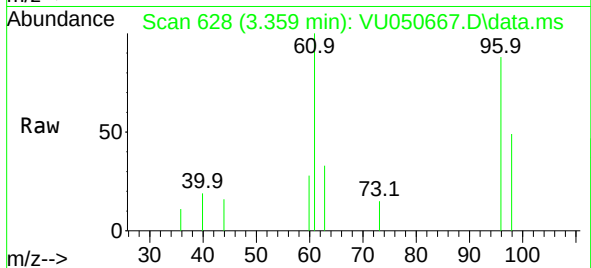




#17
trans-1,2-Dichloroethene
Concen: 0.685 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU050667.D
Acq: 07 Sep 2022 17:50

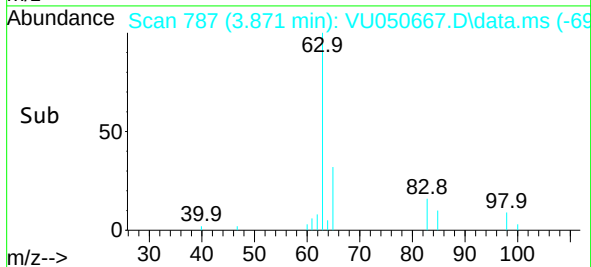
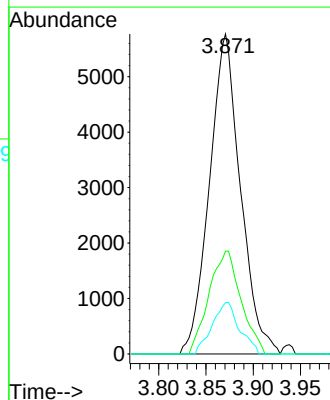
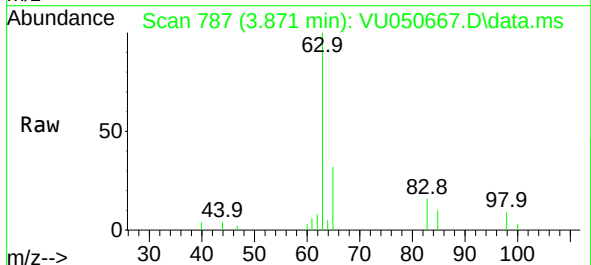
Instrument :
MSVOA_U
ClientSampleId :
EY183DL

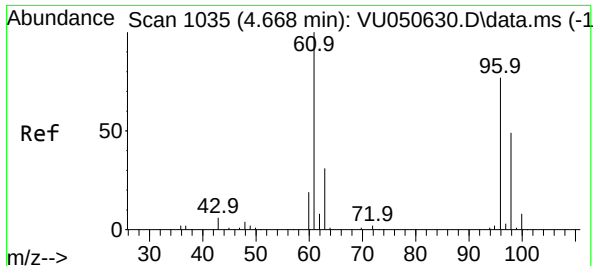
Tgt Ion: 96 Resp: 1750
Ion Ratio Lower Upper
96 100
61 113.3 97.9 181.7
98 55.9 44.8 83.2



#19
1,1-Dichloroethane
Concen: 2.667 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.000 min
Lab File: VU050667.D
Acq: 07 Sep 2022 17:50

Tgt Ion: 63 Resp: 13141
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 16.0 9.5 17.7

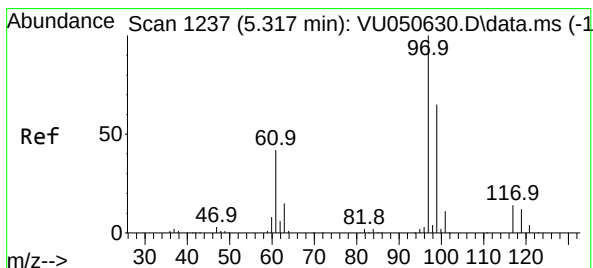
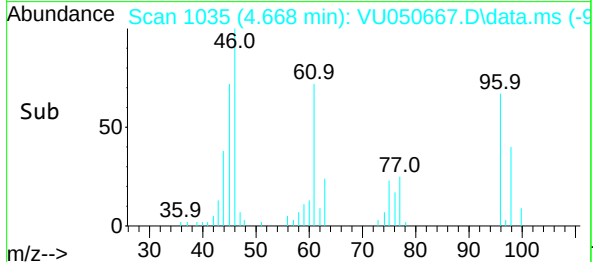
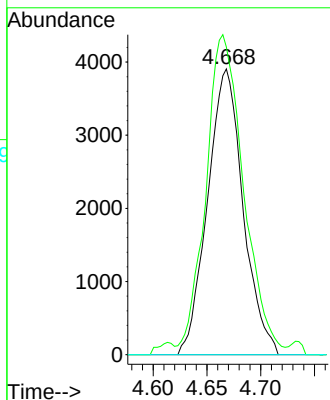
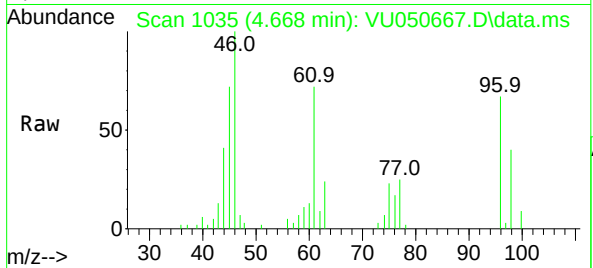




#20
 cis-1,2-Dichloroethene
 Concen: 3.109 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050667.D
 Acq: 07 Sep 2022 17:50

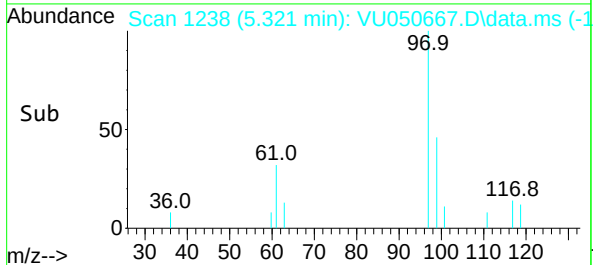
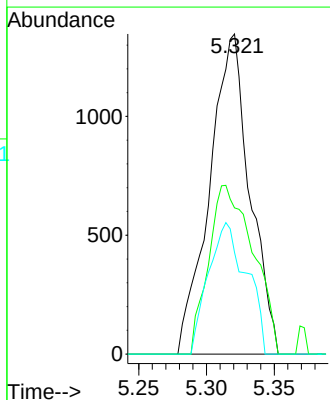
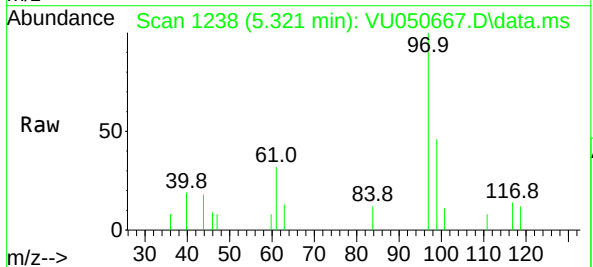
Instrument :
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 ClientSampleId :
 EY183DL

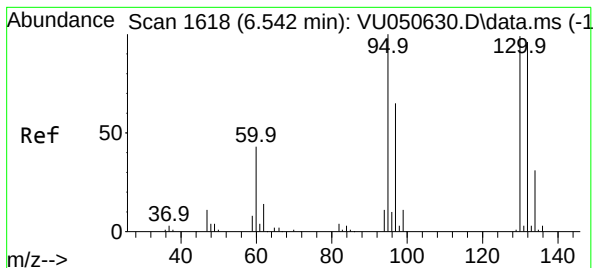
Tgt Ion: 96 Resp: 8961
 Ion Ratio Lower Upper
 96 100
 61 107.7 89.8 166.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.664 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. 0.003 min
 Lab File: VU050667.D
 Acq: 07 Sep 2022 17:50

Tgt Ion: 97 Resp: 2788
 Ion Ratio Lower Upper
 97 100
 99 58.4 51.2 76.8
 61 31.0 34.2 51.4#





#34

Trichloroethene

Concen: 78.687 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050667.D

Acq: 07 Sep 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

EY183DL

Tgt Ion: 95 Resp: 208135

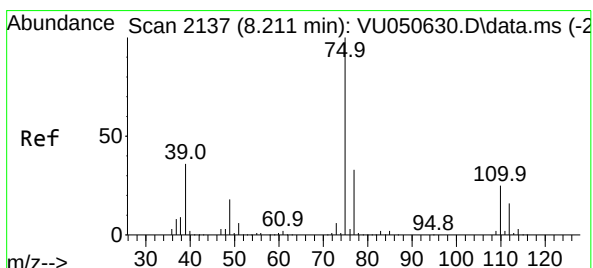
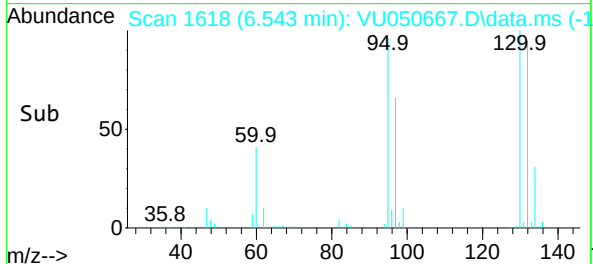
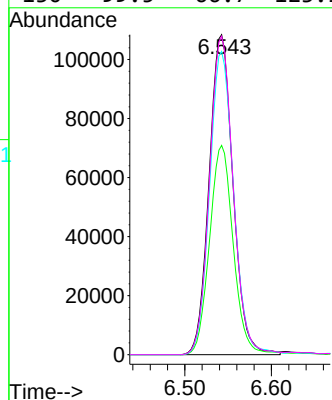
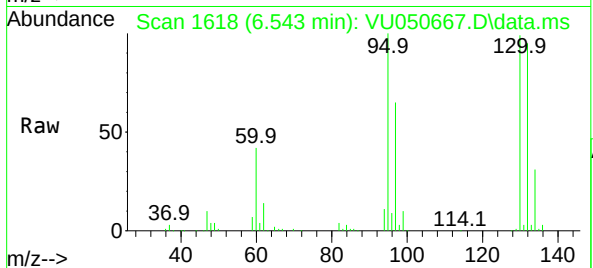
Ion Ratio Lower Upper

95 100

97 65.4 45.4 84.2

132 94.7 65.2 121.2

130 99.5 66.7 123.9



#44

trans-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050667.D

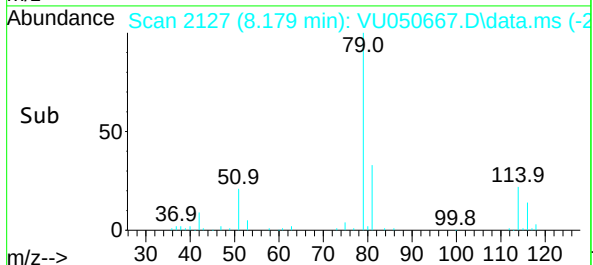
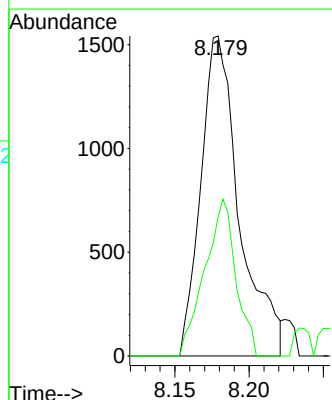
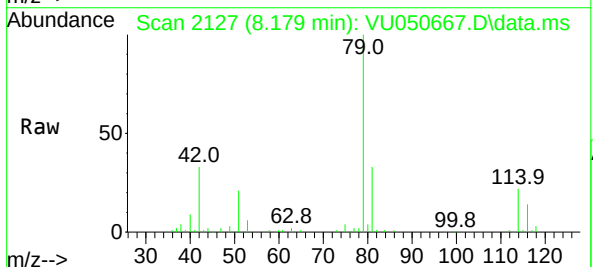
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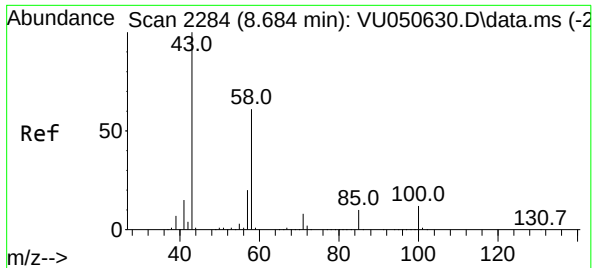
Tgt Ion: 75 Resp: 2783

Ion Ratio Lower Upper

75 100

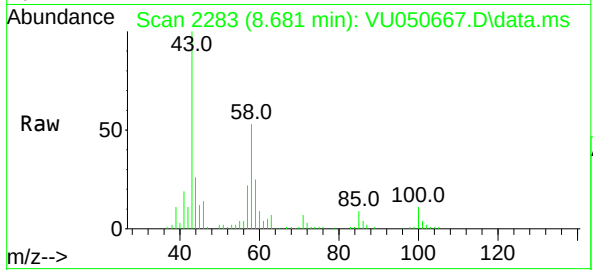
77 43.5 22.1 41.1#





#48
 2-Hexanone
 Concen: 13.480 ug/L
 RT: 8.681 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU050667.D
 Acq: 07 Sep 2022 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 EY183DL



Tgt Ion: 43	Resp: 51406
Ion Ratio	Lower Upper
43 100	
58 52.6	51.8 77.6
57 24.0	17.0 25.4
100 9.7	9.8 14.8#

